

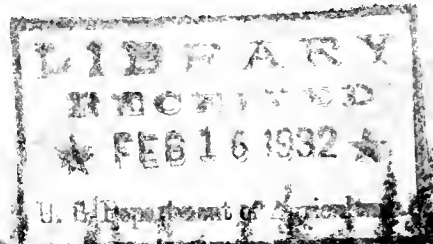
## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



# *1932 Year Book* **STATE NURSERY and SEED CO.**

**HELENA, MONTANA**  
**ESTABLISHED 1890**



MONTANA PRICKLY PEAR  
FOR DESCRIPTION SEE  
ROCK GARDEN SECTION

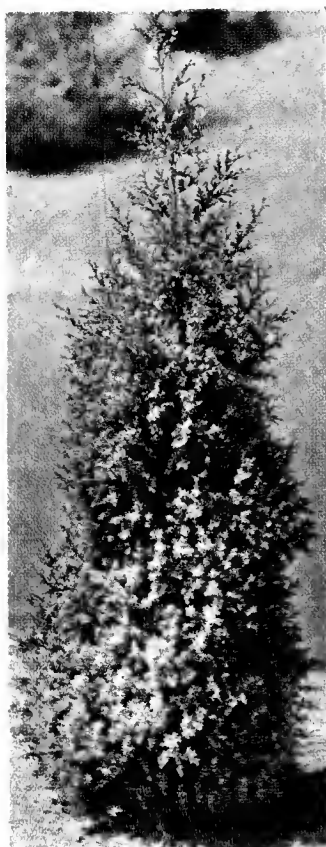




A BEAUTIFUL ARRANGEMENT OF EVERGREENS USING SCOTCH PINE,  
AUSTRIAN BLACK PINE, COLORADO BLUE SPRUCE AND JUNIPERS

When Building Your  
Rock Garden or Lily Pool  
Allow for Evergreen  
Groupings Around it.  
You Will Be Delighted  
with the Beautiful and  
Natural Effect

Good Roads Lead to Helena  
from all Directions Now.  
Drive Over and See Our  
Evergreens Growing  
and Select from the  
Nursery Row

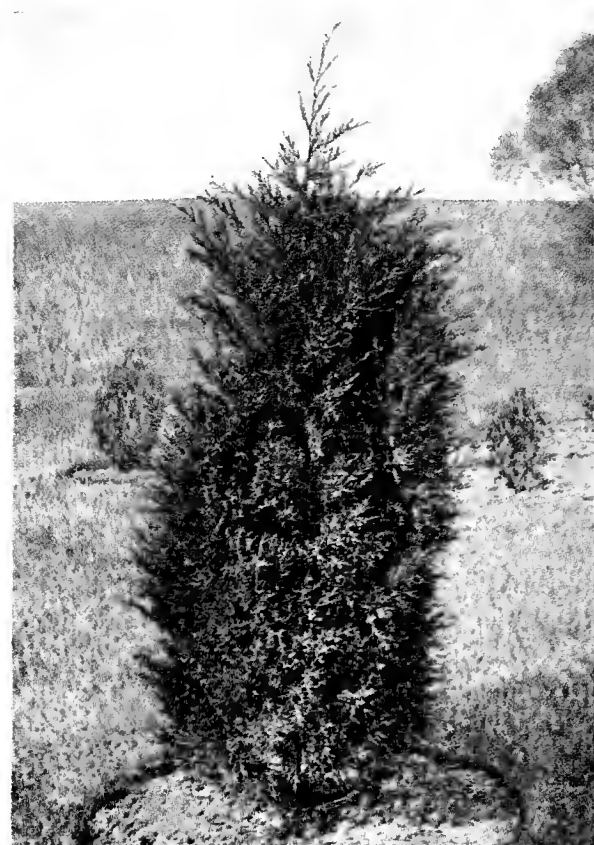


COLORADO JUNIPER



BLACK HILLS SPRUCE

See the Evergreen  
Section in this  
Year-Book for  
Complete Description  
and Prices of these  
and many other  
Hardy Adaptable  
Evergreens



RED CEDAR



"PEERL

OUR SPECIAL

# Premium Offer

**FOR THE MONTH OF FEBRUARY ONLY**  
(Applies only to retail cash orders for Flower, Vegetable and Lawn Seed and Nursery Stock)

During the height of the Spring planting season we receive hundreds of orders daily and to encourage our customers to send us their orders earlier we are going to reward them with this special offer:

With every cash remittance of a dollar or more on an order for Flower or Vegetable or Lawn Grass Seeds, Trees, Shrubs and Plants, **DURING THE MONTH OF FEBRUARY ONLY**, we will enclose Absolutely Free with your order one extra 10c packet of Flower or Vegetable Seeds selected by you from our Yearbook. You can figure this way: If your order amounts to \$2.00 or more you may select two ten-cent packets or four five-cent packets of Flower or Vegetable Seeds, additional; if your order is for \$3.00 or more select three ten-cent packets or six five-cent packets, and so on.

Take advantage of our liberal offer of 10% extra value for February cash orders.  
Select your Seeds and Nursery Stock now and send in your order at once.

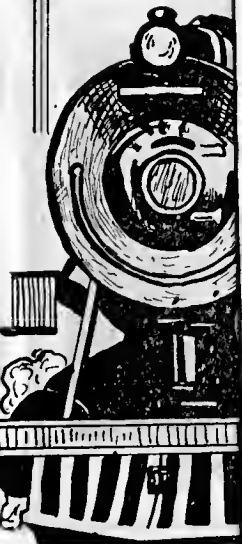
Seeds will be shipped immediately and orders for Trees, Shrubs, Vines, Perennial Plants, Roses, etc., sent in early are placed on our files and shipped at the proper planting time or as instructed.

Remember you are getting "Peerless Tested Seeds" and Hardy Adaptable Nursery Stock.

You may be assured of our most prompt and careful attention in filling your order.

Respectfully yours,

State Nursery and Seed Co.



Office of the  
Attorney General  
State of New York  
Albany, N. Y.  
January 10, 1901

"PEERLESS SEEDS" ARE THE BASIS OF BETTER GARDENS AND FARM  
CROPS IN THE NORTHWEST



## State Nursery and Seed Company HELENA, MONTANA

T. E. MILLS  
President and General Manager

W. E. MILLS  
Vice President

WALTER CARD  
Secretary and Treasurer

JOSIAH BOWDEN  
Credit and Sales Manager

## GARDENING TIME WILL SOON BE HERE

Your home landscape is a permanent fixture, along with your home and its furnishings. **PLAN YOUR PLANTINGS NOW**; let us help you do so.

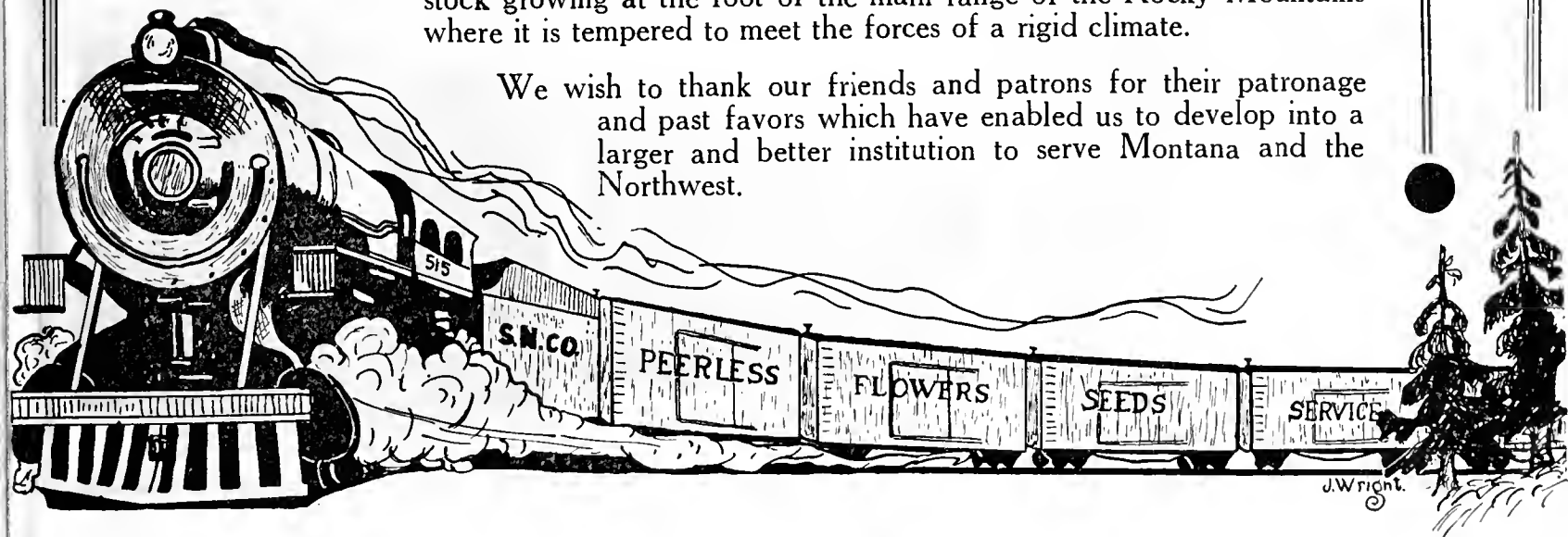
The modern tendency is to open up the front yards, making them inviting and framing the home with trees and a foundation planting. Colorful plantings are massed along the borders framing a sweeping view of open velvety lawn.

With the present temporary economic conditions in their waning force, every one should have a vegetable garden. No better insurance could be had for a sure crop of fine quality edibles than a start from our **PEERLESS SEEDS**.

Look carefully over the pages in this Yearbook; you will find seeds, plants, trees, shrubs of every description which are **PEERLESS** in their quality and adaptability for your needs. Our 42 years of experience in Montana and the Northwest has enabled us to give you this service.

Good roads now lead into Helena from all directions. We invite you to visit our great Nursery and Greenhouses and see our hardy and adaptable stock growing at the foot of the main range of the Rocky Mountains where it is tempered to meet the forces of a rigid climate.

We wish to thank our friends and patrons for their patronage and past favors which have enabled us to develop into a larger and better institution to serve Montana and the Northwest.





# SPRING 1932---FORTY-SECOND YEAR

## *This Issue Cancels All Previous Issues*

### Suggestions to Our Customers in Ordering from this Catalog

**HOW TO SHIP**—Write your name, postoffice, state and nearest express station plainly, give complete directions as to nearest express station, postoffice or freight depot, where none are given, we route goods at buyer's risk.

**USE ORDER SHEET**—The use of the order sheets enclosed in this catalog are a great help to us in filling and shipping orders. Instructions for use are on sheets. More will be sent on receipt of a postal card asking for same. Flower and Vegetable Seed Orders should plainly state quantity before the name of the variety. Plant orders should give quantity, variety and price. Do not write letters on order sheet.

**WHEN ORDERING**—Be sure to state distinctly quantities wanted: such as packet, ounce, one-quarter pound, one pound, etc., with price. By so doing, mistakes can be avoided and orders will be executed promptly.

**KEEP A COPY OF YOUR ORDER** and mark off goods as received. Sometimes items may be sold or will follow later, in which case a slip is enclosed with other goods, or notice sent.

**ORDERS ARE PROMPTLY FILLED** and as far as practicable in rotation. All orders not shipped on day of receipt are acknowledged by a postcard giving the number of the order on our files. If you do not hear from an order sent us within a reasonable time, send us a duplicate of it giving date of order, amount of same, form of remittance, and your full name and address. If you will, in case of what appears to you to be an unreasonable delay, give us these items of information in your letter, it will aid us greatly and save valuable time in the rush season in tracing the order.

**ALWAYS, IF POSSIBLE**, when writing in reference to an order, give the number of the order referred to.

**OUR TERMS**—Personal Checks, Drafts, Postoffice or Express Money Orders can be sent in payment of orders, or stamps for small amounts. If there is no Railroad Agent at your station, freight or express charges should be included.

**PARCEL POST**—Most plants can be sent by parcel post, also the smaller trees and shrubs. We cannot, however, be held responsible after delivery to the postoffice or express company. If plants are desired sent by parcel post in pots, extra cost must be allowed by purchaser for packing and postage. **TABLE OF POSTAGE RATES GIVEN IN BACK OF BOOK ARE FOR SHIPMENTS WITHIN THE U. S. A. ONLY.**

**IN COMMON WITH ALL AMERICAN SEED HOUSES, WE DO NOT WARRANT**, in any way, expressed or implied, the contents or the description, quality, productiveness or any matter of any seeds, bulbs, plants, shrubs or trees sold by us, and will not, in any way, be responsible for the crop. If the purchaser does not accept these goods on above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to above conditions, we sell at the moderate prices herein quoted.

**MISTAKES**—These will happen in spite of all care. Write us at once with a copy of the original order, if possible, and errors will be promptly rectified. We do not want you to "keep quiet" if everything is not received as ordered, but please be **SURE TO COMPARE THE GOODS RECEIVED WITH A COPY OF YOUR ORDER. WE FREQUENTLY FIND ON LOOKING UP THE ORIGINAL ORDER THAT THE ITEMS COMPLAINED OF AS "MISSING" WERE NEVER ORDERED.**

### CATALOGS ISSUED

**JANUARY**—Our complete general catalog, covering everything for the farm and garden—profusely illustrated. (This one.)

**VALENTINE'S DAY**—A folder listing seasonable flowers for this lovesome occasion.

**EASTER**—A special flower and plant list of plants and cut flowers for Easter decorations and remembrances to friends.

**MOTHERS' DAY**—The second Sunday in May. A special list of cut flowers—issued about May 1st.

**DECORATION DAY**—A special list of cut flowers—wreaths—plants, etc., for this National Memorial Day.

**FALL—SEPTEMBER**—A catalog of Dutch, French and other bulbs, for fall planting and winter plants for the house.

**THANKSGIVING DAY**—A special list of cut flowers, plants, etc., for this great National Holiday.

**CHRISTMAS**—A special list of plants, cut flowers, evergreens, suitable for Xmas decorations, and remembrances of this joyful occasion to your friends.

**POULTRY AND DAIRY FEED PRICE LIST**—with remedies and supplies, issued four times a year. If interested we will mail these, as issued, to you.

A postcard will bring you any of these in its season.

### FREE PAMPHLETS AND FOLDERS FOR YOUR INFORMATION

We issue a large list of pamphlets and folders on various plant subjects, including Perennials, Annuals, House Plants, Trees, Lawns, Small Fruits, Insecticides, Farm Crops, etc. We will gladly mail this information on any subject that you may be interested in.

STATE NURSERY AND SEED CO., Helena, Montana



A Border of Spencer Sweet Peas Along One of Our Greenhouses



A Glimpse Into Our Seed Trial Grounds



A Field of Our Perennials and Rock Garden Plants

# PLANTS FOR THE HOME AND GARDEN

## PLANT TYPES

Our long experience of dealing with plant life in the Northwest has enabled us to select for you types of plants that will thrive under conditions found in Montana and the Northwest.

## HOW WE SELECT AND FILL YOUR ORDER

We use every care and precaution to select only plants that are in the best of condition and to pack them so that they are certain to arrive safely at their destination. Our various growing ranges, Nursery plots and packing sheds are in charge of experts in their lines and our friends and customers may be assured that every effort will be made to make their dealings with us both pleasant and satisfactory. The sizes named in plants, such as 3 inch and 4 inch, etc., refers to the size of the pot in which the plant is growing at the time. Plants are generally taken from their earthen pots and packed in paper pots for shipment.

## OUR GUARANTEE ON POTTED PLANTS

All shipments of plants from this department are guaranteed to reach their destination in good condition. Our customers should advise us if delivery is not made within a short time after our notification card of shipment has reached you. Examine all plants carefully upon arrival and report immediately any that are damaged or in poor condition. After safe delivery in good condition we do not assume responsibility for future growth or failure.

## ABUTILON

### Flowering Maple

Popular house plants, flowering profusely during the winter and early spring months. Succeeds under ordinary care. Foliage is very ornamental and flowers are bell shaped in various colors as listed below.

**Splendens**—A handsome rose color.  
**Pink Beauty**—Pale pink.  
**Savitzii**—A variegated foliage.  
**Golden Fleece**—Pure yellow.  
**Crusader**—A brilliant red.  
 Each—3-inch, 35c; 4-inch, 45c.



Abutilon

## AGERATUM

This is a Mexican flower. An excellent potted plant and fine for bedding, having large clusters of beautiful blue flowers. Each, 20c.

## ALOYSIA (LIPPIA) CITRIODORA

**Lemon Verbena**—An old favorite and should be in every garden. Lemon scented foliage. Each, 30c and 40c.

## ALYSSUM

(Ready about May 1)

**Carpet of Snow**—A single Sweet Alyssum, of great value for borders and small beds.

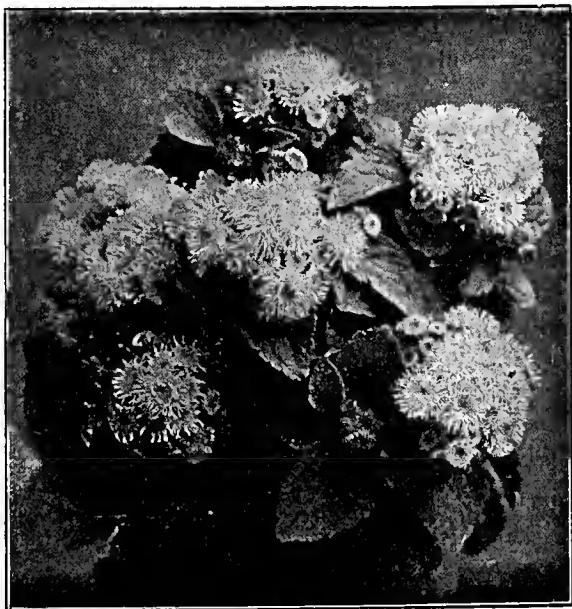
**Alyssum, Double**—An excellent variety for borders, window boxes, and urns.

Each, 10c; doz., \$1.00.

## ANTHURIUM ANDREANUM

The very peculiar flowers of this choice house plant never fail to attract attention.

Price, from 4-inch pots, \$1.50 each.



Ageratum



A Bench of Snapdragons in Our Greenhouse

## ANTIRRHINUM—Snapdragon

(Ready April to July)

The Snapdragon is well adapted for beds or borders and the flower spikes are fine for cutting. They are superb during the cool early days of summer and during the late fall. They can be depended on to give a display of bloom from July until frost. They may be grown from seed, but it is much more satisfactory to get plants that are already started.

Pot plants, ready to bloom, furnished in fiery red, rose pink, light pink, orange, scarlet, yellow and white.

Each, 25c; doz., \$2.50.

Transplanted seedlings, mixed selection of the above colors, fine for bedding.

Per doz., 75c.

## ASPIDISTRA

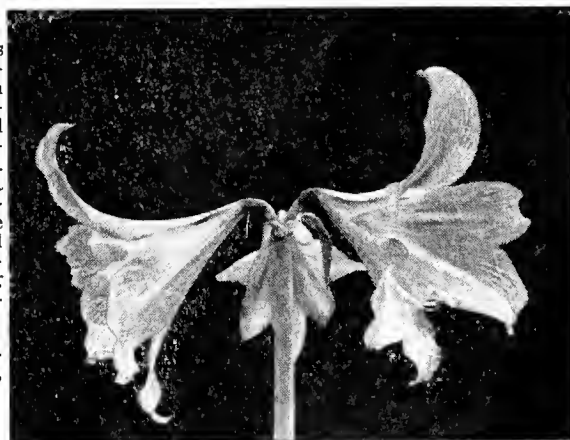
**Aspidistra Lurida**—One of the easiest decorative plants to grow. A most useful house plant having large green leaves and thriving in a hall-way or a comparatively dark place in the room where nothing else will succeed. Each, \$1.25.

**Aspidistra Lurida Variegata**—Similar to the preceding variety but with beautifully striped leaves of white and green. Each, \$1.25.

## AMARYLLIS—Hybrids

These plants produce blossoms which are wonderfully varied and of brilliant colorings. There is a growing demand for the new types and their easy culture is aiding their popularity.

Strong growing plants, each, \$1.25.



Amaryllis



Asparagus Plumosus

### ASPARAGUS PLUMOSUS

Owing to its graceful foliage and ease of culture, this is perhaps more in demand than any other house plant. We grow these in large quantities. The smaller plants listed are the right size for table dishes, while the larger are suitable for jardinières, etc.

A plant with half a dozen stalks is a mass of dainty, misty green, among which the stems of a few flowers can be thrust in such a manner as to make a pretty decoration for the table. Each, from 3-inch pots, 25c; 4-inch pots, 50c; 5-inch pots, \$1.00.

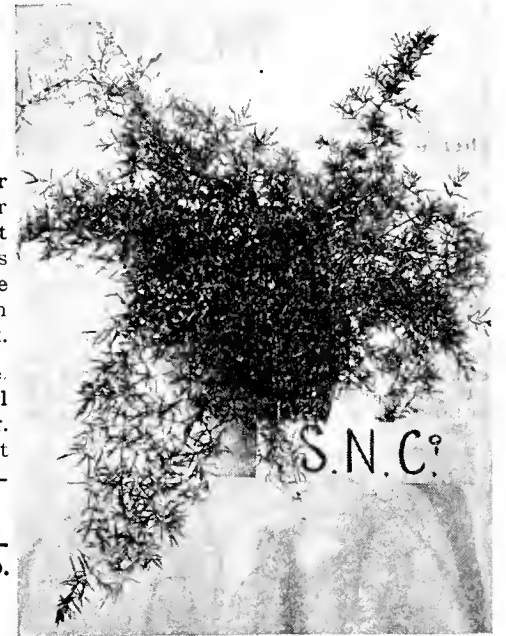
### ASPARAGUS SPRENGERI

(Emerald Feather)

Of great value for hanging baskets and for cutting. One of the best plants for window-boxes when planted outside where it can droop down over the edge of the box.

Of very easy culture. Requires only good soil and plentiful watering. When planted inside it should be in a well-lighted position.

Prices: 3-inch, 25c; 4-inch, 50c; 5-inch, \$1.00.



Asparagus Sprengeri

### ASTERS

(Ready in May)

Our strains of Asters are unsurpassed by any and are prize-winners wherever exhibited. While the early varieties may be grown successfully from seed, it has been found to be much more satisfactory to use plants that have been started inside.

Care should be taken in setting out the young plants as the roots are tender and easily broken.

We offer sturdy transplanted plants of the early, mid-season and late-branching varieties. Colors, Pink, Shell-pink, Red, White, Lavender, and Purple. Per doz., 60c.

### BEGONIA—REX—or Painted Leaf Begonia

The REX or Painted Leaf Begonias, as they are also known, are a group of the handsomest and most showy house plants that can be grown. Their wonderfully colored foliage never fails to awaken admiration, and they are of easy house culture. The varieties listed below are selected from the finest sorts known.

**Bertha McGregor**—Finely cut foliage, deep green leaves with bold silver zone around edge, deep red reversed.

**Vesandii**—Very showy variety, thick velvety foliage, beautifully marked with bright green and silver with crimson stems.

**Mrs. A. G. Shepard**—Silver leaves marked with other pretty shades.

**Walter Lamb**—Rich green and silvery white.  
**Louis Closson**—A beautiful bronze.

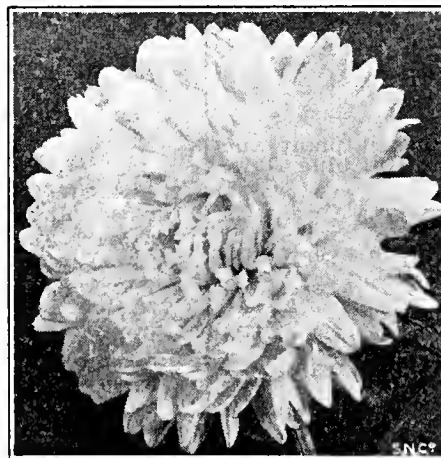
**Magnifica or King of the Rex**—An immense leaf of olivaceous black with indistinct varying tone made by an overcasting of gnaphalium green.

**L'Enfant Be Nancy**—The same as Magnifica leaves, somewhat lighter in ground color and of a silvery white tone.

**Clementine**—Maple leaf, palmate, center of light brown spotted with light silver.  
Each, 50c and 65c.



Begonia—Rex



Aster

**Fire Sea**—An exceedingly floriferous variety with very large dark fiery red flowers, almost covering the plant. The foliage is of a reddish green tint. Of sturdy bushy habit.

**Chateleine Hybrids**—Very similar to the well known Chateleine, with very large flowers of a brilliant rose color.

**Albert Martin**—A well known variety with bronze foliage.

**Pink Profusion**—A new introduction with slender growth, and small foliage of a light green tinted with brown. Flowers of medium size, borne in wonderful profusion, a single stem often bearing twenty-five blooms and buds, of a rich rose color.

**Prima Donna**—Another variety of late free flowering with rose colored blooms, shading to a carmine at the center.

Any of the above varieties, each, 30c, 40c and 60c.

### BABY TEARS—IRISH MOSS

Dwarf growing plant with a clustering, trailing habit. Foliage small and compact. Ideal for fern dishes. Each, 25c.

### BEGONIA—Everblooming Type

This type of Begonia produces the greatest profusion of bloom of any in its family. They are of easy culture and make fine house plants.

### POT GROWN ASTER PLANTS

In addition to the plants listed we are again featuring pot-grown stock in the same colors. These plants will be of sturdy growth and will produce earlier flowers, a distinct advantage in districts subject to early frost. Per doz., \$1.25.

**StimUplanT**  
Makes a  
Wonder Garden



Everblooming Begonia



**BEGONIAS—Everblooming—Continued**

**Lucerne**—One of the finest Begonias known. Foliage bronze, crimson reversed. Has immense trusses of salmon colored blossoms.

**Wellingtoniensis**—An old variety, which is again becoming in great demand, with beautiful dark green foliage and pink flowers. A continuous bloomer, of very bushy habit of growth.

**Sandersonii**—Scarlet, a winter bloomer.

**Argenta—Guttata**—Brilliant bronze green foliage spotted with white with white flowers.

**Thurstonii**—A great favorite with red veined foliage on under side of leaves. Flowers a bright shell pink.

**Rubra**—Deep coral pink flowers, foliage green.

Any of the above varieties, each, 30c, 40c and 60c

**BEGONIAS—Tuberous Rooted**

Our house of Tuberous Rooted Begonias has created quite a sensation each year during the summer season when the plants are in full bloom. With their giant and somewhat delicate blossoms ranging in colors of red, pink, white, yellow, orange and salmon, they are indeed an ideal house plant, very showy and easy to grow and care for. We offer the tubers at 25c each.

**CAMPANULA ISOPHILA—Star of Bethlehem**

Beautiful star-shaped white flowering plants of a trailing habit. Blossoms all summer when the plant is practically covered with blossoms. Fine for hanging baskets, vases, etc. Each, 25c and 50c.

**CANNAS**

No other bedding plant is as showy as the Canna. It is very easily grown and attains large size in ordinary soil. For best results obtain started plants from the greenhouse, and set out when all danger from frost is past, thus gaining additional time for their growth. Our method of growing these semi-tropical plants and the satisfactory results we have had has greatly increased the demand during the last few years. Set the plants about 18 inches apart in a sunny location and supply with plenty of water and well rotted manure. Take them up immediately after frost kills back the tops and treat as you would Dahlia tubers.

**Ambassador**—Bronze foliage—color poppy red. Flowers brilliant and borne in immense trusses on strong stalks well above the foliage.

**Nokomis**—Large, vivid crimson flowers with a rich silky sheen on the petals. Bronze foliage.

**Mrs. Pierre S. Du Pont**—This new Canna surpasses all other pink varieties. Color a vivid watermelon pink which is exceedingly rich and attractive. Although the single flowers are very large and form immense heads, each petal is so firm that the blooms always open perfectly and do not wilt in the hot summer sun. The wavy or crinkled edge on the petal is a new departure in Cannas.

**The President**—A rich scarlet flower with green foliage. One of the best reds yet introduced.

**Duke of Marlborough**—Green foliage. Flowers a bright crimson maroon.

**King Humbert**—The best of the bronze leafed type—with scarlet flowers and beautiful rich bronze foliage.

**Yellow King Humbert**—Flowers a golden yellow spotted with red and green foliage.

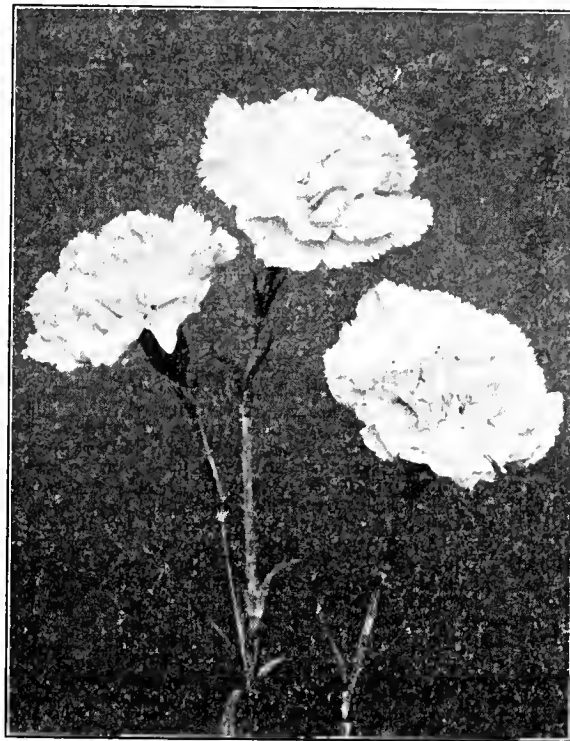
**PRICE**—Fine large, 4-inch potted plants, each, 40c; doz., \$3.50.

**CAREX JAPONICA**

A very colorful grasslike plant of bushy growth having narrow and rather thick leaves which are dark green with a fine white border. Very suitable for fern dishes and for aquariums. Each, 3-inch, 25c.



Bed of Cannas



Carnation—Senator

**CARNATIONS**

One of the most highly regarded and generally admired flowers of all is the carnation. Its sturdy keeping qualities, its fragrance and fashionable beauty make it the most elite and economic of flowers. To meet our steadily increasing demand, we have devoted an entire range, consisting of fourteen houses each 250 feet long, in which to grow our gigantic stock of 50,000 plants. We have listed the varieties which are leaders in the carnation world, and young plants of the following varieties can be supplied from March 15th to July 15th.

**SPECIAL OFFERINGS**

**Laddie**—A variety of extreme size, 3½ to 4½ inches in diameter. Color, a beautiful warm salmon pink. Has long, strong stems. The Carnation "De Luxe."

**Pink Abundance**—A new beautiful deep pink, rapidly becoming a favorite.

**Pink Spectrum**—A fine new pink which has proved very popular.

Price of above varieties, each, 35c; 3 for 90c.

**STANDARD VARIETIES**

**Arctic**—A glistening white—large flowered and sweet scented.

**Betty Lou**—A very attractive deep pink of fine size and form.

**Belle Washburn**—A red of extreme brilliance.

**Hilda**—The most wonderful pink Carnation of a decade. Awarded certificate of merit at the recent American Carnation Society's show. It is an exquisite pink with slight variegation, is a very free bloomer, blossoms are practically 100 per cent perfect, and it does not lose its color in the summer months.

**Mrs. C. W. Ward**—A very attractive deep pink of fine size and form. Free bloomer and strongly scented.

**Mrs. C. W. Ward (Variegated)**—Another variegated variety, attractively blotched and striped with a deep pink on white ground.

**Matchless**—A large pure white long stemmed and a free bloomer. The petals are attractively fringed and the perfume delightful.

**Peerless Pink**—A very deep pink, flowers large and well shaped. Free bloomer.

**Senator**—One of the newest of the new varieties. A very prolific bloomer bearing large glistening white flowers which are exceedingly fragrant.

**Spectrum**—One of the very best reds on the market, having large well shaped blossoms on long stems.

The varieties listed above—each, 25c.

Any twelve of the above varieties, \$2.50.

**CENTAUREA (GYMNOCARPA)—Dusty Miller**

One of the white-leaved Centaureas. Fine for bedding, for vases, hanging baskets and pots; also used extensively for borders. Makes an exceptionally fine edging to a bed of dark-leaved Cannas. Each, 25c; dozen, \$2.50.

REMEMBER AFTER THE CANNAS OPEN THEY BLOOM CONTINUOUSLY UNTIL FROST

## CALCEOLARIA



Calceolaria

The Calceolaria, more commonly known as the "Fisherman's Basket," is rapidly becoming one of the most popular plants for Mothers' Day on the market. With its multitude of vari-colored velvety-like flowers it makes a most acceptable present. The season of the Calceolaria extends from early spring until early summer, though the plants are at their best in May.

In full bloom, each depending on size, \$1.50 to \$3.00.

## CHRYSANTHEMUMS

THE CHRYSANTHEMUM is, without doubt, the queen of Autumn flowers. Their large blossoms of every character and form attract the attention of all who are interested in flowers. Owing to the early frosts of this section, it is impractical to grow these most beautiful of all Fall plants to maturity in the open ground. They can, however, be successfully grown in the garden until September when they should be lifted and potted. Then in the house they will give a wealth of blooms and beauty that will more than repay for the slight trouble entailed.

## LARGE FLOWERING VARIETIES

**Betsy Ross**—A grand, early mid-season white, one of the finest yet introduced.

**Golden Mistletoe**—A beautiful Mum with the incurve a deep golden yellow.

**Gladys Pearson**—A prolific bloomer, upper surface of petals apricot, underside a distinct buff.

**Tiger**—A yellow of unusually fine color. The variety was named by President Wilson.

**Chieftain**—A large incurved pink. A handsome flower.

**Maj. Bonaffon**—A beautiful incurved glossy yellow. One of the best.

**White Christain**—Large incurved white. November.

**Chas. Rager**—A fine large white, splendid stem and foliage.

**Pattie**—A very delicate pleasing shade of pink.

**Sledewitz**—Another favorite with the commercial grower; large pink.

## POMPON CHRYSANTHEMUMS

The flowers vary in size from  $\frac{1}{2}$  to 2 inches in diameter, small petaled, very compact and formal. They are usually in clusters so that when cut one spray forms a bouquet in itself. Very dainty for table decoration. Pompons make ideal house plants. Colors, Pink, White, Yellow, Bronze and Henna.

**New York**—Yellow tinge, with a decided henna center.

**Golden Climax**—A very pleasing shade of bright yellow, medium size and height.

**Veta**—An early white, exhibits a yellow center when it first opens but becomes pure white when fully developed.

**Yuletide**—The latest and best white Pompon known at the present time. Its color is of the purest paper white.

**Mrs. Frank Beu**—The favorite of all the Pompons, color a reddish yellow.

**Lillian Doty**—Large pink, a splendid sort.

**Butler's Caprice**—Rosy pink.

**Zora**—An early sparkling bright yellow.

**Unalga**—A late bloomer of intense yellow.

**Source d'Orr**—Orange, shaded gold.

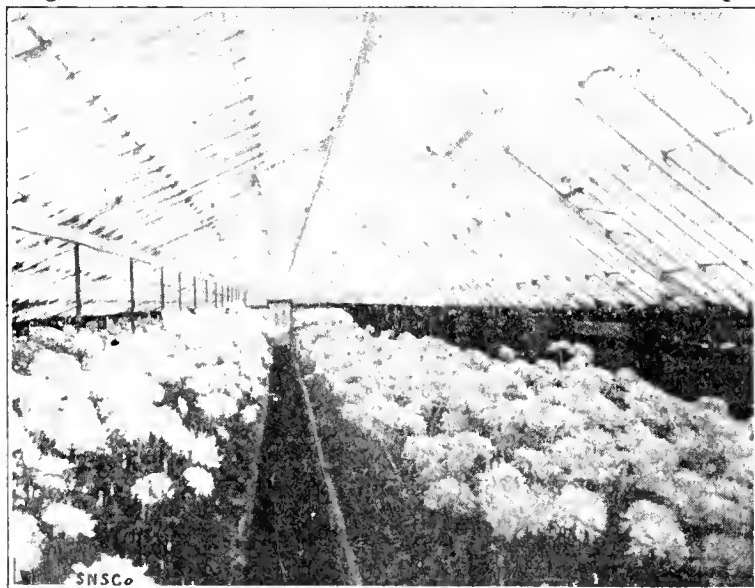
**White Cap**—Pure white. **Lizzie Adcock**—Deep yellow.

## ANEMONE FLOWERED CHRYSANTHEMUMS

The Anemones are quite distinct and very useful when cut in sprays for floral decoration. They are extravagant bloomers with flowers clustered, averaging 3 to  $3\frac{1}{2}$  inches across.

**Godfrey's Perfection**—White. A beauty in every respect.

Prices for Chrysanthemums—Plants ready March to July only: Each, 20c; doz., \$1.75.



One of Our Houses of Chrysanthemums

## FANCY SINGLE VARIETIES

These fill a unique position in that they come between the larger standard varieties and the Pompons.

**Mensa**—Purest white, a splendid variety.

**Golden Mensa**—New and proving popular.

**W. Buckingham**—A grand vigorous pink.

Prices for Chrysanthemums — Plants ready March to July only: Each, 20c; doz., \$1.75.



Single Chrysanthemums

## CINERARIA

**Cineraria Hybrids Grandiflora**—Cinerarias are magnificent and truly beautiful plants with their rich colorings and delicate fragrance. Our strain is noted for its large flowers of exceptional beauty. The plants are of sturdy and bushy growth covered by massive flower heads in a variety of bright colors. Fine blossoming specimens, \$1.00, \$1.50 and \$2.00.

## CEREUS—Night Blooming

**Nocturno-Greggii**—Often called "Queen of the Night." A very fine, very rare, night blooming cactus variety. The flower opens after sundown and closes before sunrise. It resembles a water lily somewhat and is a pure white in color, is of very delicate structure and emits a most delightful odor. We are offering 4-inch pot plants of this novelty that will bloom the same season and 3-inch plants that will bloom the following year. Water plants only once a week and expose them to full sunshine as much as possible. Price, each, 4-inch plants (blooming size), \$1.25; 3-inch plants, 60c.

## BOOK ON FERTILIZERS

By E. B. Voorhees, revised by S. B. Haskell. Presents usable plans for the fertilizing of flowers, lawns, garden and field crops. Tells how to judge an analysis guarantee, how to reduce to workable terms, and how to plan and calculate the ingredients for a specific mixture. 29 illustrations, 310 pages. \$2.50.



A House of Our Cinerarias





One of Our Houses of Cyclamen

### COLEUS

**Christmas Gem**—A beautiful variety with red and maroon-colored foliage and producing enormous leaves, often 5 to 7 inches in length. It attains its full beauty in winter—thus differing from other varieties.

**Trailing Queen**—A beautiful trailing variety, highly colored and very suitable for hanging baskets.

**Yellow Trailing Queen**—A beautiful variation from the general color predomination, distinct yellow venations and markings.

### COLEUS—Named Varieties

**Dazzling Gem**—Rose pink center, margin of chocolate green, dwarf compact grower, stocky pot plant variety.

**Lord Palmerston**—An excellent beautiful dark velvety maroon center with dark crimson ribs, commanding admiration.

**Queen Victoria**—Remarkably handsome, bright cardinal red with distinct bright golden border.

**Verschaffeltii**—The standard crimson bedding variety.

**Crimson King**—Strikingly handsome, velvet blood red, robust grower, splendid both as pot plant and bedder, does fine in winter boxes placed in sunny locations.

Each, 25c. One each of above five varieties, \$1.00.

### CUPHEA—Cigar Plant

This plant is covered with bright scarlet flowers and makes a very attractive house plant. They are especially useful for vases or basket decorations. Each, 25c.

### CYPERUS ALTERNIFOLIUS—Umbrella Palm

An unusually fine plant for decorative purposes of extremely easy culture. Requires plenty of water and may be grown as a semi-aquatic. A splendid plant for aquariums and lily pools. Each, 25c and 50c.

Loma, Montana, March 21, 1931.

State Nursery and Seed Co.,

Helena, Montana.

Dear Sirs:

All the seeds we bought from you were wonderful. My pansy plants were in bloom all summer in spite of the very dry weather.

Very truly yours,

MRS. N. A.



The beautiful grounds of the Court-house at Wallace, Idaho, in which State Nursery trees, shrubs, flowers, vines and grass seed were used. These grounds were planted and supervised by James Mohr, President of the Silver Crescent Mining Co., of Wallace, Ida.

### CYCLAMEN

Without doubt the Cyclamen, because of its clean growth, its picturesque appearance and its easy culture, has become the most treasured of winter blooming plants. We cannot emphasize too highly the qualities of these plants, for without exception they are the most satisfactory for general home conditions. We have some excellent specimens ranging in color from the purest white to white tipped with pink, through the various shades of pink to the reds, and even when the plants are through blossoming, they still have a pleasing effect due to the mottled character of the leaves. We can supply these plants from November 1st to March 1st, and for gift purposes they cannot be excelled. For the benefit of our patrons, we might say we have for years paid special attention to this class of plant, only selecting for seed purposes the finest in color and size of bloom and the most free flowering specimens. Nice blossoming specimens sent anywhere for \$1.25, \$2.50 and \$3.00. The larger sizes are better shipped by express wherever possible.

### DORMANT CYCLAMEN BULBS

We can supply the above from March to July 1st at 25c each

❖  
See Page  
of  
Garden  
Books  
in the  
Back of  
This  
Yearbook  
❖



Umbrella Palm



Coleus—Xmas Gem

SEE PAGE OF BOOKS FOR BETTER GARDENS IN BACK OF THIS BOOK



# MONTANA GROWN DAHLIAS GROW BETTER

We wish to emphasize that our stocks are all Montana Grown and are therefore adapted to our climatic conditions. Our list contains many of the newer favorites along with the select older varieties which are destined to be always popular. Our Dahlia collections have been chosen with care and our patrons are assured of the highest satisfaction from the efforts of our Blue Blooded Stocks of these beautiful flowers.

## CULTURE

Dahlias are strong, vigorous growers and require rich soil with an abundant supply of water during dry weather. The beds should be in a fully exposed, sunny position, and should be well enriched with rotted manure dug deeply into the soil. After frost danger is past, plant the tubers about two feet apart in holes about four inches deep, laying the tubers flat on their sides. Cultivate regularly as soon as the plant is up, and as soon as buds appear apply a good plant food.

## NOTE—GREEN PLANTS

In some varieties we may have exhausted our supply of tubers and in this case we reserve the right to send GREEN PLANTS from 4-inch pots. Although it is not generally known, Dahlias grown from cuttings in the spring, potted and planted out in June or July, flower earlier and just as freely as those grown from tubers. We might add, this is precisely what we do in our Dahlia gardens.

### SEVEN NEW ARISTOCRAT SPECIALS

**President Hoover**—An early and free bloomer, exhibiting a rich peach red which blends to begonia rose, reflex begonia rose veined and suffused with lavender. Fine stiff stem plants only, each, \$3.00. (Informal decorative type.)

**Peter Pan**—A wonderful new Dahlia, a bright rich luminous pink color, flowers borne on long strong stiff stems. Fine for exhibition, cut or commercial variety, a good vigorous bloomer and strong grower. Plants only, each, \$3.50.

**Marie**—This is a magnificent new Dahlia with a freshness and brilliancy greater than any other pink Dahlia. Its color is a luminous delicate pink. It is an early and free bloomer with full center to the last. A more profuse bloomer than Jersey Beauty and exhibiting larger flowers, strong stiff stems and wonderful keeping qualities. Plants only, each, \$2.00.

**Ty Cobb**—This Dahlia was selected by Ty Cobb because he liked it. It is a wonderful hybrid decorative type, with large flowers 8 to 10 inches in diameter. A strong vigorous grower, an early free and continuous bloomer. It is its color, however, that is its chief charm. Brilliant glowing garnet, shading deeper with a most lustrous sheen; the reflex is a luminous crimson purple. Plants only, each, \$3.00.

**King Midas**—Rated as one of the six greatest of all exhibition Dahlias and it has never been beaten in open competition. Form is perfect, stems long, stiff and straight, holding up giant golden yellow flowers. The flowers are so full that they last on the plants for weeks. Large 12-inch flowers are very common. An extra fine new Dahlia. Plants only, each, \$3.50.

**Mary Dorr**—A fine new Cactus type of a deep pink and white color, bright tyrian pink blending to white at the center. The flowers are produced freely on long slender but stiff stems. A strong vigorous grower. Plants only, each, \$1.50.

**Peacock**—A fine formal decorative type, color a dark purplish red, shaded maroon, tipped white. An early and free bloomer on strong stiff stems. Like all variegated flowers, occasionally a flower will come solid color on the same branch with the true variegated form. Plants only, each, \$1.75.

### OUR UP-TO-DATE COLLECTION

**Bonnie Brac**—One of the finest decorative types and of intense size. Flowers are a cream shaded blush pink. An exceptionally good exhibition variety. Each, 70c.

**Ellenor Vanderveer**—One of the most admired Dahlias, color lavender-pink, flowers large size, and long stiff stems. Good bloomer and keeps well when cut. Decorative Dahlia. Each, 70c.

**Mrs. Carl Salbach**—A mauve pink, with occasional blendings of white, flowers are borne on long stiff stems and cut immensely well; good cut flower for house decoration, also for show and exhibition. Decorative Dahlia. Each, 75c.

**Cambria**—A very fine all around decorative Dahlia, massive, full of large flowers held erect on long stiff stems, flowers have broad petals of rich rose pink, lighter towards the center. Each, 85c.

**Mrs. I. De Ver Warner**—Decorative. A blossom of soft orchid coloring seldom appearing in the Dahlia family. For its charming color, large blossoms and for its very long strong wiry stems this variety immediately attracts attention wherever grown or exhibited. Acknowledged by Dahlia experts to be one of the finest Dahlias ever produced. Very free bloomer. Each, 70c.

**Margaret Woodrow Wilson**—Decorative. This variety is an exhibition type of large size and great beauty. Color is opalescent pink. Face of petals creamy white; reverse, phlox-pink. Strong upright stems and dark green foliage. Medium height. Each, \$1.25.

**Pride of California**—Without doubt the best of the red decoratives. A vigorous grower and a very free bloomer. The large deep crimson red flowers are borne high above the foliage. The stems are rigid and long and the flowers keep exceptionally well when cut. Each, 50c.

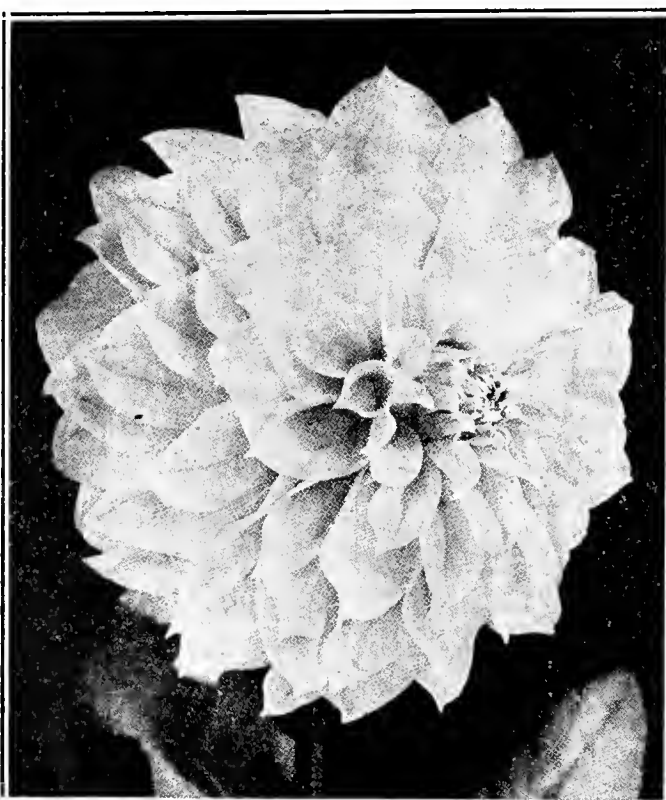
**Value \$5.45—Special Price as a Collection, \$5.00 postpaid.**

(May be Purchased Singly or as a Collection)

**Barbara Redfern**—A free blooming decorative Dahlia of great size and depth, with the color a beautiful shading of old rose and old gold. The large blooms are held on strong, stiff stems and a tall vigorous bush, keeps well when cut, and is a good exhibition flower. Plants only. Each, \$1.50.



Jersey's Beacon



Jersey's Beauty

**Mrs. E. F. Smith**—This is a fine white shading to a greenish lemon tint in the center. A monster Dahlia on a strong stem. Blooms freely and is a splendid exhibition variety. Plants only. Price, each, 85c.



Jessie K. Prescott



State Nursery Dahlias at the Residence of Aubrey M. Holter, in Helena

**StimUplant**  
Makes a  
Wonder Garden

**OUR GARDEN-  
FULL COLLEC-  
TION**

We offer you  
twenty different  
varieties of Dah-  
lias all of high  
class stock and  
carefully selected  
at

**\$5.00**

On this collection  
only add 50c for  
postage.

**StimUplant**  
Makes a  
Wonder Garden

**(Aristocrat Specials Continued)**

**Jessie K. Prescott**—Decorative. Nature is so lavish in her use of colors in many of the new Dahlias it is impossible to give some of them justice in descriptions. This decorative is one of them. The color is a deep orange at the center, gradually shading to a creamy orange on the rows of outer petals. The formation is unusual as the long narrow petals have an inclination to roll backward. The tall bushes are branching and productive of masses of splendid flowers with exceptionally long good stems. Plants only. Each, \$1.00.

**Miss Bridgeton**—Decorative. Deep pink enormous flower, with a suffusion of violet. Vigorous grower; long stiff stem. Has been awarded many prizes. This Dahlia should be grown in every garden. One of the best for general use. Plants only. Each, \$1.25.

**Rose Fallon**—Decorative. Most wonderful flower of enormous size, held erect on straight long strong stems. The magnificent bloom is a beautiful color of deep old gold of the finest type. It is without question one of the finest varieties for a Dahlia collection. Each, \$1.75.

**Margaret Masson**—Decorative. This Dahlia is getting more popular every year. Color a beautiful silvery rose-pink. Flowers of great depth and size held erect on the best of long stiff stems. Wonderful exhibition variety. Classified as one of the "Five best Dahlias on the market." Plants only. Each, \$1.50.

**Jersey's Beacon**—Decorative. This Dahlia has become a universal favorite. Some splendid blooms of this variety have been shown the past season. As an exhibition flower it has few equals in its color, but as a garden variety it is even more spectacular. The color is Chinese scarlet, with a paler reverse, giving it a two-toned effect. The flowers are large and globular in shape. Plants only. Each, \$1.50.

**Hercules**—A Dahlia of enormous size. Color is a tangerine and deep yellow. The reverse of the petals is shaded tangerine and they are so placed that they blend in a most attractive way with the deep yellow of the flower. Plants only. Each, 75c.

**Jersey's Beauty**—One of the finest of the pink sorts, having large perfect flowers of erosine pink, carried high above the foliage on long straight stiff stems. It is a wonderful keeper as a cut flower and an early and prolific bloomer. Under Montana conditions we consider this to be the perfect Dahlia. Price, each, 50c.

**Maude Adams**—An early and free blooming sort, white effectively overlaid by delicate pink, undoubtedly one of the finest of the type. Price, each, 50c.

**Mrs. E. L. Lindsay**—Decorative. Scarlet and gold. The gorgeous coloring of the well-known "Geisha" reproduced in an enormous decorative type. The shading varies in different blooms, but the two colors are always in evidence. Good sized flowers and fine stems. Each, 70c.

**OUR NORTHWESTERN GEMS**

**Ballet Girl**—Very large cactus with long, very finely quilled petals. Color orange, tipped white; some flowers solid orange on some plants. Each, 60c.

**Bashful Giant**—Decorative. A gigantic bloom where size is one of the requisites for exhibition. Also of great merit for its beautiful colorings—being apricot with golden shadings—flowers produced on good stout stems. Each, 65c.

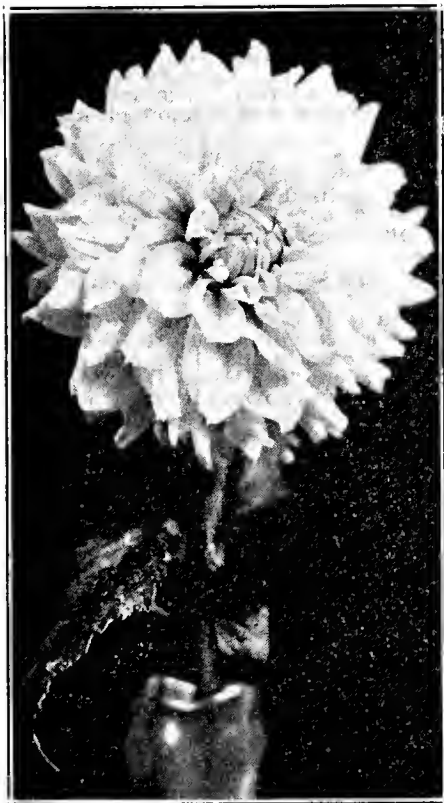
**Beatrice Slocombe**—Decorative. A very well built flower of large size. It is an early, continuous and abundant bloomer which makes an ideal garden variety and is highly recommended. The combination of color is very attractive, being a very rich carmine red, blending to old gold and yellow, each petal tipped with gold, making it a most unique and attractive color combination and one that is sure to please. Each, 60c.

**Elizabeth Slocombe**—Decorative. The largest and very best of its color. Its gigantic flowers are produced on exceptionally long stems as stiff as canes, making it a much desired exhibition variety, and equally desirable for cutting. Very vigorous in growth. In color a rich, brilliant purplish garnet in opening, and as the flower matures it fades to an exquisite shade of garnet. Unsurpassed for garden purposes. Each, 50c.

**TWO DAHLIAS THAT SHOULD BE IN EVERY GARDEN**

**Mina Burgle**—Rich, luminous dark scarlet, strongly upheld. Unusually free and continuous bloomer. Claimed by many catalogers to be their best red Dahlia. Each, 35c.

**Jack Rose**—A fine dark red. Very free bloomer and good for cut flowers. Each, 30c.



Margaret Woodrow Wilson



Mrs. Carl Salbach

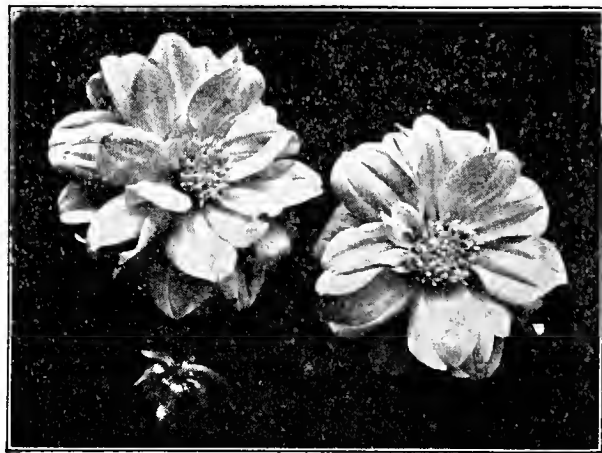




Pride of California



Attraction—Cactus Type



Dahlia—Unwins Dwarf Hybrids

### SHOW AND DECORATIVE TYPES

**Judge Marean**—Decorative; very large flowers of perfect type and difficult to describe, produced on strong stiff stems, a blending of glowing salmon pink, red, iridescent orange, yellow, and pure gold. One of the most beautiful Dahlias ever created and should be in every garden. Each, 75c.

**Paul Michael or California Gold**—A pure gold or deep orange buff colored decorative of immense size, some blooms averaging 11½ inches in diameter. Very profuse bloomer and fine for exhibition or garden. Won certificate of highest award in California Dahlia trials. Each, 50c.

**The Grizzly**—Decorative. The richest deep velvety maroon Dahlia yet produced. Very vigorous grower and the very large stately blooms are held high above the foliage on extra stout stems. Every grower should have this aristocrat of Dahlias. Each, 60c.

**Elsie Burgess**—One of the very best. Free flowering, producing great masses of blooms on stiff stems. Color delicate white tipped with lavender. Each, 40c.

**Le Grand Manitou**—A gigantic flower of white, striped and splashed with reddish violet. The largest decorative Dahlia. Each, 35c.

**Lucy Fawcett (Fancy Show)**—Large, full, heavy, with well-opened quills. Pale straw color, indefinitely dusted and splashed with tender rose to carmine. Not a new variety, but one of the most persistent of the fancy sorts. Each, 40c.

**Purple Manitou**—A very fine well-shaped flower with good stems and an excellent bloomer. Each, 40c.

**Queen Mary**—Soft rose pink with a silvery sheen. One of the best for cut flowers, with long stems. Each, 40c.

**Stradella**—Rich deep purple crimson. Very free flowering with long stems. Each, 30c.

**A. D. Livoni**—Warm rose-pink, perfect flowers, with quilled petals which nearly overlap at the ends. New kinds come and old kinds go, but Livoni can never be spared from a Dahlia list selected for popular cut flowers. Each, 40c.

Collection of one of each of the above 10 varieties for \$4.15.

### DAHLIA UNWINS DWARF HYBRIDS

These bedding hybrids are the outcome of ten years' hybridization and selection. The original parents were Coltness Gem and on the other side the finest varieties of the Charm or miniature Paeony flowered type. Their freedom of flowering is remarkable; they are semi-double, require no stakes, may be planted 18 to 20 inches apart and average between 18 and 24 inches in height. Excellent for Rock Gardens. Wonderful color shades. Price, each, 25c.

#### DAHLIAS NOT CATALOGED

We have a large list of Dahlias being tested in our fields before cataloging. Should you have a variety in mind which is not listed we shall esteem it a favor if you will write us regarding it, as we may be able to supply it and quote prices.



Le Grand Manitou

### CACTUS DAHLIAS

These are of a lighter formation and much used for cut flowers. The peculiar open formation of the Cactus Dahlia lend themselves wonderfully well to combinations, when used as cut flowers.

**Attraction (Hybrid Cactus)**—Entirely distinct. Immense, formal flowers with broad petals coming abruptly to a point, color a beautiful lilac-mauve. Stems are very heavy, and the flowers held rigidly upright. Although of delicate color, this is one of the most striking varieties we grow; popular with both men and women. Each, 75c.

**Countess of Lonsdale**—A very popular variety. Longest season and freest bloom of any Cactus type; flowers very large, complete and perfect. Color exquisite blending of amber and salmon-pink. Each, 40c.

**Ballet Girl**—Very large Cactus with long very finely quilled petals. Color orange, tipped white; some flowers solid orange on some plants. Each, 50c.

### POMPON DAHLIAS

The Pompon Dahlias are small flowered Dahlias, usually of the show type of flower, and are exceedingly floriferous. They are generally borne on long strong stems, and are splendid subjects for cut flower purposes, lending themselves admirably to almost any arrangement. Every flower lover who wants cut flowers should have some of these in their garden collection.

**Bobby**—Plum color. One of the best. Each, 30c.

**Snow Clad**—A small pure white of great beauty. Each, 30c.

**Golden Gem**—Bright yellow. Each, 30c.

**Little Jennie**—Primrose yellow. Each, 35c.

**Challenge**—Red and white. Each, 40c.

**Fascination**—Pink and lavender blotched with white. Each, 40c.

### DAHLIA SEED

Dahlias are more frequently raised from tubers than from seed. Yet it is very interesting to grow them from seedlings for there is always the chance of getting something novel and distinct among them. Start the seed indoors in pots or boxes during March or early April and set out after all danger of frost is past. Seeds may be sown outdoors in May.

If you are contemplating starting a Dahlia garden we shall appreciate your putting confidence in our Mr. Eger, who will select suitable varieties true to name and give you a collection of which you will be proud and which will be a credit to ourselves. Just state the amount you wish to spend and we will do the rest.





The Above Cut Represents a \$7.50 Japanese Tub Complete

**Nephrolepis Whitmani—(Ostrich Plume Fern)**—Unquestionably a valuable Fern of its type. They are graceful beyond description, feathery, plummy and nothing describes them better than Ostrich Plume.

**Prices of Any of the Above Three Ferns:** 3-inch pot, 35c; 4-inch pot, 75c; 5-inch pot, \$1.50.

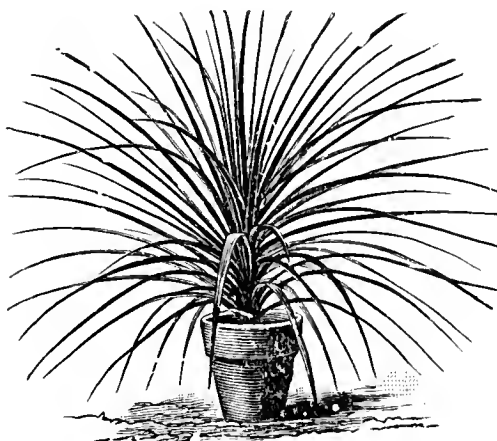
**Pteris Tremula**—Commonly called "Lace Fern." This is one of the best known of the family, and the strongest grower, the fronds on a well-developed specimen often attaining a length of three feet, of a brilliant shade of green. Succeeds well everywhere as a house plant. Each, from 2½-inch pots, 40c; from 3-inch pots, 50c; from 5-inch pots, \$1.25; from 6-inch pots, \$2.00.

### DRACENAS

**Indivisa**—This variety is used extensively as a center plant for vases, porch and window boxes, etc. It stands full exposure in the sun and its long, narrow, graceful green foliage contrasts beautifully with other plants. Each, 65c and \$1.25.

**Wolsley**—One of the very finest highly colored varieties, having deep bronze and red broad foliage. An ideal house plant especially useful for winter decorations. Each, \$2.00.

**Terminalis**—Ribbon-like leaves of richest shades and colors. Enjoys the sun and excellent for baskets, vases and boxes. Each, \$2.00.



Dracena Indivisa

### ENGLISH DAISIES

**Bellis Perennis**—Like Pansies, the Daisies for beds or borders in the garden or cemetery are very much in demand. Blooming plants in pink or white ready May 1st. Dozen, 75c.



English Daisy

### MAIDEN HAIR FERNS

This species, while requiring more exact atmospheric conditions than other Ferns, stands at the top when it comes to daintiness.

**Adiantum Cuneatum**—The true Maiden Hair Fern. One of the most handsome Ferns in existence, and well known from its great use in bridal bouquets.

Any of the above, each, 25c and 50c. Larger plants of any of the above varieties, each, \$1.00.

### DECORATED JAPANESE TUBS

We make a specialty of Decorative Japanese Tubs filled with a combination of suitable plants and vines which aid materially in decorating garden, porch, and walk. These tubs are also suitable for cemetery use. Filled to suit your particular taste from \$5.00 to \$7.50. Express extra.

**EMPTY JAPANESE TUBS**—We Can Supply These Tubs at \$1.50 Each

### FERNS

We devote two entire houses to the growing of Ferns, the most popular house plants in cultivation, and have at all times a good stock of the very best growing varieties. Ferns are indispensable in almost any scheme of plant decorations for house, window or conservatory. Either alone or scattered among other plants and flowers they work wonders in giving the house interior a refreshing, cheerful appearance. We make a specialty of these plants in suitable gift sizes and annually send out thousands to our patrons. If you are planning on a Fern for a friend just tell us the amount you wish to spend and you can rely on our sending a plant that will be a joy to them and a credit to ourselves.

### BOSTON FERNS

**The New Colorado Boston Fern**—This new creation originated in Denver, Colorado, and is rapidly mounting to fame throughout the country and is receiving the highest awards wherever exhibited. Price, each, 4-inch pots only, \$1.00.

**Nephrolepis Bostonianusis—(Boston Fern)**—This is the general favorite with all lovers of house Ferns. More plants of this have been sold than of any other one variety, and the demand is still increasing. To meet the constant demand for plants suitable for presentation to friends, we have a "SPECIAL" in this type.

**Prices of the Above Ferns:** 3-inch pot, 35c; 4-inch pot, 75c; 5-inch pot, \$1.50; 6-inch pot, \$2.00. In addition to the above we have some exceptional plants suitable for gift purposes at \$2.50, \$5.00 and \$7.50.

### FANCY BOSTONS

**Nephrolepis Elegantiissima (The Tarrytown)**—One of the family of fancy Bostons. Grows very compact with fronds wider at the base than the regular Bostons and of a more fluffy character.

### HOLLY FERNS

**Cyrtomium Falcatum**—The popular Holly Fern. Very suitable for Fern Dishes and makes a perfect specimen plant. The leaves are thick and a beautiful holly-green color. Each, 30c, 50c, \$1.00, \$1.85.

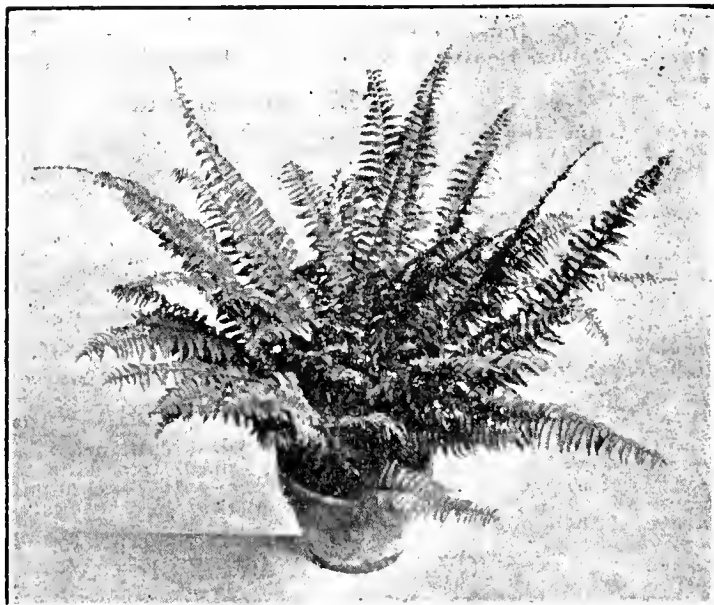
**Cyrtomium Rockfordianum**—The Improved Holly Fern. The leaves are pointed and notched, resembling very closely the Holly leaves. A splendid Fern for the house. Each, 30c, 45c, 90c and \$1.75.

### HARDY FERNS

We can supply these—Native Ferns—in good plants at 50c, 75c, and \$1.00 each. These are splendid plants for a shady place—or nook or rockwork, where they do not receive too much strong sunlight, and are assured of sufficient moisture in the growing season. The plants we offer are gathered from the slopes of the Great Divide of the Rocky Mountains.

**Adiantum Hybridum**—One of the more recent Maiden Hair Ferns. Much superior to Cuneatum, having larger and finer fronds and a much stronger grower.

**Adiantum Conicum**—One of the strongest and largest of the Maiden Hair family. Splendid habit.



Boston Fern



One of Our Table  
or Dish Ferns

**StimUplant**  
Makes a  
Wonder Garden



*Nephrolepis Elegantisima*



A Fine Specimen of Holly Fern

### FERNS FOR DISHES

We have a good stock of all of the following classified list of Ferns especially suitable for fern dishes, jardinières, etc., and which are best for the home and are the most easily grown.

- Pteris Alexandrac**—A very handsome variegated Pteris, of dwarf habit.  
**Pteris Rivertoniana**—A very distinct and valuable type of crested Pteris.  
**Pteris Wilsonii**—A beautiful variety of dwarf habit, bearing crested fronds. Very compact growth.  
**Pteris Mayii**—A peculiar variegated dwarf type with large pinnae and green foliage.  
**Pteris Wimsettii**—A very pretty green foliage and crested Pteris.

Prices of Above Ferns: 3-inch, 35c; 4-inch, 75c.

**Pteris Argyrea**—The Pteris are among the easiest grown house Ferns, and the wonderful range of variegated foliage and form render them invaluable. Pteris Argyrea is of a dwarf habit with fronds prettily decorated with white.

**Pteris Victoriae**—This is considered by many to be the handsomest of the Pteris. The fronds are rich deep green. It is a vigorous and healthy grower.

**Pteris Hastata**—A very unique and pretty variety of this popular Fern family.

**Pteris Multiceps**—One of the most strikingly variegated forms of the Pteris family.

### FUCHSIAS

A favorite with our grandmothers and a favorite still. Their color combinations are wonderful, and their easy culture and free flowering proclivities make them exceptional sellers both for Summer and Winter blooming. We can highly recommend all of the following listed below.

- New Black Prince**—This is an improvement on the famous Black Prince. The flowers are much larger, having the same color markings. The plant is stockier. This is perhaps the most beautiful of the Fuchsias. Price, each, 3-inch pots, 60c; 4-inch pots, \$1.00.  
**Duchess of Albany**—Maroon corolla with light pink petals. Very free flowering.  
**Elm City**—Calyx cochineal red with single corolla of a deeper purple red. Very free bloomer. One of the best of the Fuchsia family.  
**Trailing Queen**—A handsome trailing type exceedingly floriferous with purple corolla and flesh-colored tube and sepals. A most effective plant for hanging baskets and window boxes.  
**Phenomenal**—The largest flowering Fuchsia, with long stems, petals red and center bright purple.  
**Black Prince**—Red, single.

**Chas. Blanc**—Deep red with rose, single.

**Lustre**—White and scarlet, single.

**Mrs. E. G. Hill**—White and red.

**Trophee**—Double purple corolla, crimson tube and sepals.

**Little Beauty**—Beautiful red sepals with purple corolla, single.

**Lord Byron**—Single variety, superb shades of red and deep purple.

**Turner**—Very red sepals with light purple corolla.

**Speciosa**—Single, with pink sepals and red corolla.

Prices: Each, 30c, 50c, and 75c.

**Pride of Orion**—A fine new Fuchsia. Strong vigorous upright grower, flowers are white and extremely double. The blossoms do not drop and it is a very early bloomer. Each, 3-inch, 40c; 4-inch, 65c; 5-inch, 90c.

### FEVERFEW

Dainty milk-white double spherical flowers. Very free flowering and blooms from Spring until Fall. Excellent as a bedding plant and good for cutting. An old-time favorite. Each, 20c.

**Aureum or Golden Feather**—A fine sort with golden yellow foliage. Each, 20c.

### FICUS—Rubber Plant

**Elastica (India Rubber Tree)**—This is the old reliable thick leaved variety—the substantial house plant, which under the most trying circumstances has served its purpose. Its foliage of a beautiful dark green, shiny appearance, being always handsome and striking. Each, 75c and \$1.50.

**Repens**—Directly opposed in character to the upright growing varieties, being really a creeping or trailing vine. It is extremely useful and ornamental for covering stone or wooden conservatory walls which it will do in a short space of time. Each, 50c.

### FORGET-ME-NOT—Myosotis

**Susanne**—Of recent introduction. A great improvement on the older varieties, being earlier and a very prolific bloomer. Each, 25c; doz., \$2.00.

### GENISTA RACEMOSA

Round, dense foliage. Flowers are very small, pea shaped, borne in close racemes. When in full bloom the entire plant is a solid ball of the brightest yellow, emitting a delicious lemon fragrance. Very popular for Easter decorations and will continue in bloom about four weeks. 3-inch pot plants, each, 40c; 4-inch pot plants, each, 60c.

### GREVILLEA OR SILK OAK

A beautiful plant for decorative purposes of quick growth and easy culture. Foliage fern-like and graceful. Each, 30c and 60c.



Fuchsia

SEE PAGE ON BOOKS FOR BETTER GARDENS IN THE BACK OF THIS YEARBOOK

## GERANIUMS

Geraniums are of so much value as flowering decorative plants practically through the entire year that they commend themselves to all who possess a garden and who enjoy the exquisite stretches of color obtainable from them. There are few plants grown which offer such an uninterrupted display of bloom over an extended period. Owing to their clean growth they are not surpassed for general house use and as they come in such a variety of colors it is always possible to have a good display. The newer and improved types are exceptionally fine and where given just ordinary attention may be depended upon to give plenty of color for most of the year. All the varieties listed will be found to do well under our climatic conditions.

### THREE FINE NEW GERANIUM VARIETIES

**Michell's Sensation**—A new scarlet Geranium, an improvement on the famous Helen Michell. Flowers are double and of the clearest possible shade of scarlet. It is a compact and bushy grower, light green foliage with dark center. A wonderfully heavy bloomer and it has no equal as a pot plant or bedding plant. Price, each, 3-inch pot, 50c; 4-inch pot, 75c.

**Louisa**—A darker crimson than Michell's Sensation; large double flowers, stocky plants. The foliage is extremely beautiful on this variety. A fine new improved Geranium. Price, each, 3-inch pot, 50c; 4-inch pot, 75c.

**Anna Jelenick**—This is by far the best winter bloomer that we have seen. The flowers are a rich rose color and are double. The foliage is marked very prettily. A fine type. Price, each, 3-inch pot, 50c; 4-inch pot, 75c.

### STANDARD VARIETIES (Double)

**Helen Michell**—An introduction of great merit. It is a semi-double, of a clear scarlet color, with very large florets and truss. Foliage a lustrous green, of a bushy compact habit of growth. Very early and free bloomer.

**Alphonse Ricard**—Light scarlet.

**E. H. Trego**—Beautiful dazzling scarlet.

**La Favorite**—White, one of the best.

**Louis Madeline**—A deep pleasing rose color.

**Marquis de Castellaine**—Crimson, with immense trusses of bloom.

**Jean Viaud**—Grand pink bedder.

**Madonna**—Snow white, good bedder.

**M. Paul Blondeau**—Bright rose, very large flower.

**Mrs. R. Glolde**—A semi-double—with bright deep pink flowers. The trusses and florets are very large, and very free flowering. A most desirable addition.

**Red Barney**—Of all red Geraniums, old or new, this variety stands out in bold relief. It has broad, velvety, distinct foliage and vigorous habit—a full large round truss of double petals—a crimson and more brilliant red than S. A. Nutt—an incessant, extravagant bloomer, sun resisting and long keeping.

**Pink Barney**—An excellent pink having all the outstanding features of the Red Barney. Both varieties are excellent for bedding purposes and ideal for hanging baskets and porch boxes.

**Beautie Poitevine**—A beautiful type of semi-double Geranium. Exquisite salmon pink flowers, the very best of its color. A variety that does remarkably well in Montana.

### SINGLE VARIETIES

**Mme. P. Morlan**—Rosy salmon, free bloomer.

**Sentinel**—Dark crimson, round flowers.

**Scaramouche**—Salmon, shading to white at top of petals.

**Vera Oulianesk**—White, clear, round, perfect flowers.

**Yvette Prost**—Rosy pink, fine for cutting or window boxes.

### IVY LEAVED GERANIUMS

This class of Geraniums is rapidly growing in popularity and never fails to please those who desire a really valuable window plant. They are very free bloomers, and lend themselves splendidly to house culture.

**James Atfield**—Large pink double flowers, very fine.

**Leopard**—Lavender pink dotted with crimson.

**Souvenir de Chas. Turner**—Deep bright pink.

**Achievement**—Rose with white eye.

**Wm. Tracy**—Double, light pink, a rather short habit of growth, very fine.

**La Eleganta**—Beautiful variegated foliage, white and green at first; later the white spots turn to scarlet; very good for porch boxes and baskets.

### VARIEGATED GERANIUMS

**Happy Thought**—Leaves yellow, center bordered with green, flowers rose.

**Madame Sallerol**—Bushy variety, used for borders, goes well with Lobelia. Foliage green and white.

**Mountain of Snow**—Fine foliage variety, silver edge, flowers red.

**Mrs. Pollock**—Foliage yellow, green and red variegation. Flowers red.

### SCENTED GERANIUMS

**Balm**—The well known large foliaged rose scented Geranium. **Lemon**—The small foliaged old-fashioned Lemon Geranium. Very fragrant.

**Rose-Scented Geranium**—Very popular. Flowers pink.

**Apple Blossom Geranium**—A variety in great demand for its peculiar and refreshing apple blossom perfume.

Remember that our collection of Geraniums is the largest in the Northwest. We devote several greenhouses to the culture of these plants in their several types and add new varieties to our list as we find them worthy after trial.

### PRICES OF GERANIUMS SINGLE OR DOUBLE

From 3-inch pots, each, 30c;.....doz.,	\$2.50
From 4-inch pots, each, 50c;.....doz.,	5.00
From 5-inch pots, each, 75c;.....doz.,	7.50

### ANY 6 AT THE DOZEN RATE

Extra large plants of these varieties from 5 and 6-inch pots, \$1.00 and \$1.50.

We reserve the right to send either by express or parcel post.

### THE HOME GARDEN HANDBOOKS, by F. F. Rockwell. A

series of pocket size books, now eight in number, that it is a pleasure for us to recommend because each volume covers its ground so well and concisely. Use them when your seeds or plants arrive; they will show you how to prepare the soil, plant the seed, or transplant. Carry them out to the garden when you cultivate, prune and fertilize, they will save you many steps and help you avoid disappointments. Each volume has from 30 to 70 illustrations and contains about 90 pages. Strong cloth binding, four-color jackets. Price, \$1.00 per volume. The titles now published are:

Rock Gardens  
Dahlias  
Irises

Glaadiolus  
Roses

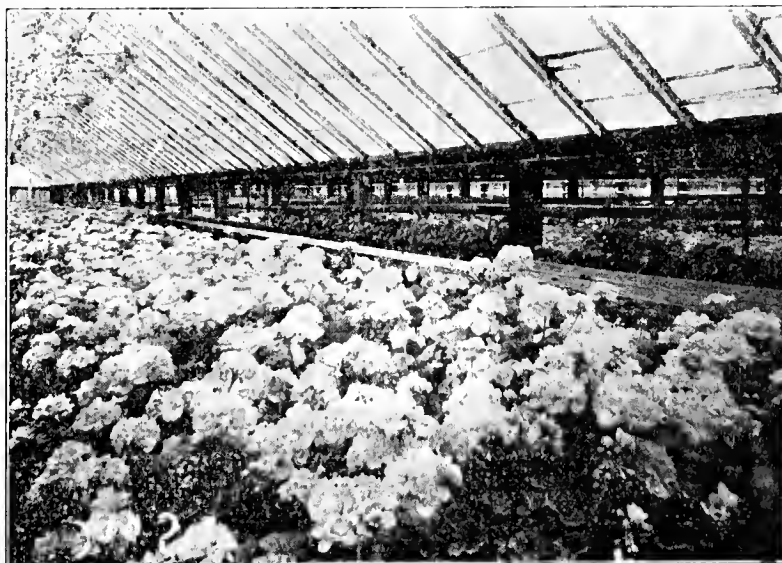
Evergreens  
Shrubs  
Lawns

**StimUplant**

Makes a  
Wonder Garden



Specimen 3-inch Pot Geranium

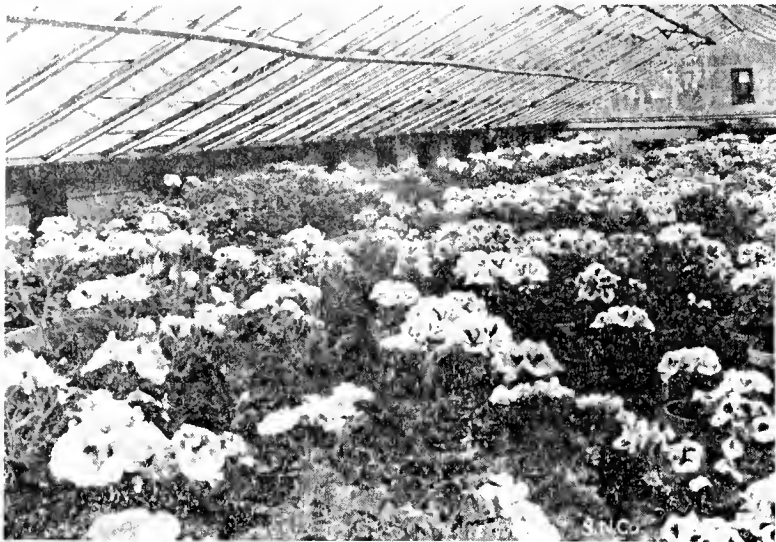


A Bench of Our Fine Geranium Stock



Specimen of a 4-inch Pot Geranium





A Glimpse in One of Our Pelargonium Houses

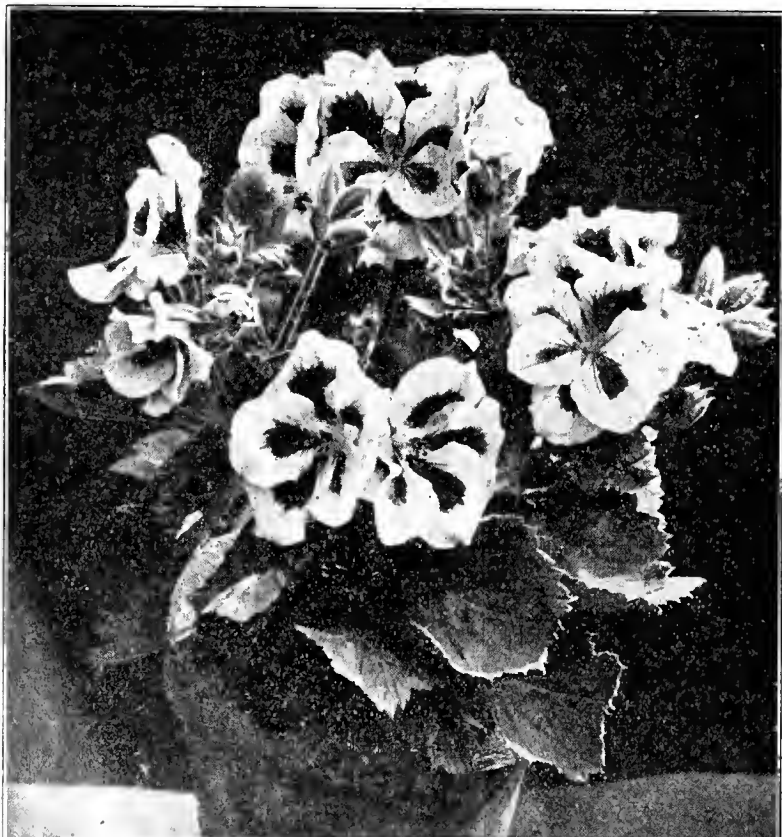
**REMEMBER—We Pay Postage or Express on Plants, Trees and Roots**

### BOOKS EVERY HOME GARDENER SHOULD OWN

**PLANT NAMES**, by T. S. Lindsay. If jaw-breaking plant names puzzle you, this little book will make the system and the reasons clear. It tells how plants are named, why they are named as they are, and just what each word form, prefix or suffix means. 99 pages. \$1.00.

**MANUAL OF GARDENING**, by H. L. Bailey. You can depend on this book to supply you with complete and practical information on planting and landscaping your home grounds. Tells how to make the most of natural features; how to drain, cultivate, and fertilize the soil; how to sow, propagate, transplant, prune, and graft the different classes of fruits, vegetables, and flowers. Gives lists of varieties suited for different purposes; 350 illustrations, 539 pages; \$3.00.

Take advantage of our 42 years of experience in Montana, something which no other firm can offer you.



Pelargonium—Easter Greeting

### PELARGONIUMS—Martha Washington Geraniums

Our stock of Pelargoniums is beyond reproach and like our Geraniums we devote several houses to their culture and careful selection.

**California Hybrids**—Fine stocky plants in this class with mixed colors involving all shades except those of the famous Easter Greeting.

**Easter Greeting**—One of the most desirable plants of this class that can be grown. Its flowers, which are borne in great profusion from March until late Fall, are a fiery amaranth red, each petal bearing a blotch of deep brown or black and very large, often measuring from two to three inches in diameter. It is of a very compact and bushy habit, and of easy house culture. It is nearly impossible to say too much in recommendation of "Easter Greeting." Wherever a plant is desired for the house that will bloom continuously throughout the Summer, no mistake will be made by selecting "Easter Greeting" for the purpose. Our plants are unusually fine and healthy, and cannot fail to please.



Princess May

**Gardeners' Joy**—Nearly white, with an apple blossom pink at base of flower, the two upper petals blotched with deep brown. Produces one of the largest clusters of bloom of any known variety.

**Wolfgang Goethe**—Flowers large and slightly crimped, ground color dark red, with five well defined violet black spots. Considered the best dark red variety.

**Wilhelm Hauff**—Flowers and clusters very large and strongly crimped. Ground color a purplish pink, with large brownish blotches on the upper petals. A profuse bloomer.

**German Glory**—Ground color an apple blossom pink with large dark brown blotches on upper petals; flowers and clusters are large; free bloomer and dwarf, robust, branching habit.

**Eastern Star**—A light salmon color, with five large reddish brown spots. Has a long period of bloom, and is a dwarf compact grower.

**Lavender Gem**—Another of the Easter Greeting type, with beautiful lavender pink flowers.

**Mons Herzog**—Reddish pink.

**Crimson King**—Intense crimson, free flowering.

**Princess May**—Very light pink.

**W. C. Boyce**—A beautiful shade of salmon.



Gardeners' Joy

**Madam Loyal**—(The Pansy Geranium)—This is another of these plants which were favorites with our grandmothers, and is rapidly coming into another well deserved reign of popularity. Of easy house culture and a most profuse bloomer.

**Prices of Pelargoniums**—Each, from 3-inch pots, 30c; each, from 4-inch pots, 45c and 60c; each, from 5- and 6-inch pots, 75c and \$1.00. Specimen plants, large, \$2.00 and \$2.50.

When Comparing Prices

**REMEMBER**

Our Prices Mean

**DELIVERED**

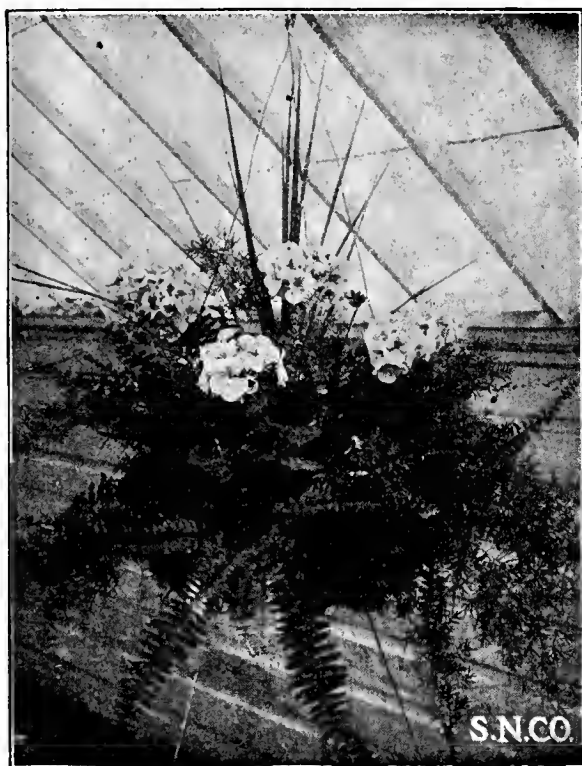
To Your Nearest Postoffice or Express Station



Mons Herzog

WE LIKE TO HAVE VISITORS—THEY ARE OUR BEST ADVERTISERS

## HANGING BASKETS



Specimen Wire Hanging Basket Filled

We receive many compliments each year on the artistic manner in which our hanging baskets are arranged and feel confident that we can satisfy the tastes of even the most critical. If you do not know just what plants you wish included in your basket, tell us what general type of plants you wish and what colors you desire.

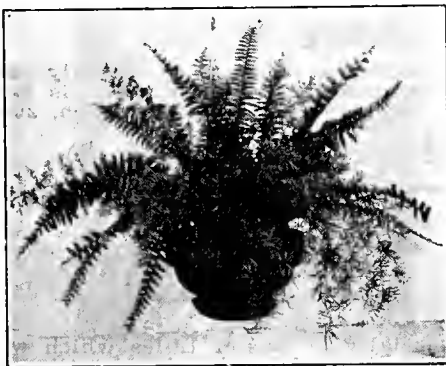
Depending on the size of the basket and the number of plants used, our hanging baskets are \$2.50, \$3.50, \$5.00 and \$7.50.

S.N.CO.

## POROUS POTTERY HANGING BASKETS

Hanging porous pottery baskets are rapidly becoming more popular, owing to the fact that they hold moisture much longer than the moss-lined wire baskets, and are much more durable. We can supply these in 8-inch and 10-inch sizes. These pottery baskets are supplied with attached saucers to eliminate dripping.

Empty, each, 8-inch, \$1.50;  
10-inch, \$1.75.  
Filled, each, 8-inch, \$4.00;  
10-inch, \$5.00. Express extra.



Porous Pottery Hanging Basket

## HELIOTROPE

Heliotrope will succeed in or out of doors. Their exquisite perfume makes them a favorite everywhere.

**Centifleur**—One of the newer forms of medium lavender color, with enormous heads of bloom.

**Elizabeth Dennison**—A very compact large flowered form, almost violet in color.

**Florence Nightingale**—A lavender colored type, very floriferous. Prices, each, 30c, 40c, 60c.

Bring Your Landscaping Problems to Us



Heliotrope

**StimUplanT**  
Makes a  
Wonder Garden



A Beautiful Bed of I. Sultani Growing in a Shady East Exposure at the Nursery

**StimUplanT**  
Makes a  
Wonder Garden



A House of Our Hydrangeas

## HYDRANGEA

In this climate Hydrangeas are best known as decorative flowering plants for Easter decoration, but they are becoming more popular each year for use on porch, lawn, or garden during the Summer. Our Hydrangeas are of the new French types and are of easy culture.

During the Winter the plants should be kept in a cool light cellar or similar place and kept as cool as possible without freezing. Only enough water supplied to keep the roots from drying out.

Colors are pink, blue and white. Season is April to June.

Prices, fine plants in blossom, \$1.50 to \$3.00.

## HEPATICA

**Hepatica Triloba**—**Leopard Plant**—Also called Liver Leaf. A novel plant with handsome foliage having bright yellow spots. A sturdy grower and of easy culture. Each, from 3-inch pots, 45c.

## HIBISCUS

Well known Evergreen tender shrub which may be grown either in a pot or tub, or planted out during the Summer. They flower freely during the Summer and in the Winter if kept in a light sunny position in the house. In salmon, light rose, scarlet and soft pink. Each, 50c.

Set of four, all different, \$1.75. Special larger sizes at \$1.00.

## HOYA CARNOSA—Wax Plant

An old-time favorite indoor climber, bearing trusses of flesh colored, star shaped, wax-like flowers. Rich green foliage. Each, 45c.

## IMPATIENS SULTANI

The everblooming Sultani should be in everybody's collection. The dainty little flowers which cover the plant in a mass are a bright pink or red in color. It makes an ideal house plant and its popularity as a bedding plant, especially for shady nooks about the garden, is increasing each year. This is one of the easiest plants to care for that we know of and we cannot recommend it too highly. Price, each, 25c and 40c.



Mrs. Frank Vanderwood, Libby, Montana, in her garden, showing the fine Sweet Peas raised from our Peerless Seed last year.

YOU WILL MARVEL AT THE BEAUTIFUL EFFECT HANGING BASKETS ADD TO YOUR PORCH



**LANTANA**

Lantana

One of the most attractive bedding and house plants, with a most brilliant range of colors, and extremely floriferous.

**Jacob Schultz**—Opens yellow and turns to a most intense oxblood red.

**Delicatissima (Weeping Variety)**—Rosy lavender flowers very suitable for hanging baskets.

**Comtesse de Biencourt**—A fine pink variety.

**Snowball**—Pure white.

Any of the above, each, 30c

Collection of 4, \$1.10.

**IPOMEA—Moon Vine**

Season May to July

The well known Moon Climber. Flowers white and fragrant. Each, postpaid, 20c; doz., \$2.00.

**IVY—Parlor**

A good vine for the window at all seasons, and in great demand as a vase, basket or window box plant in the Summer. Each, 25c.

**KENILWORTH IVY—Creeping Charlie**

An excellent small creeping vine for house use, foliage fine and attractive. Each, 3-inch, 25c.

**IVY—English**

An invaluable Evergreen Climber for indoor purposes, a splendid plant for house trellis decoration. Not hardy in Montana. Each, 35c and 65c.



One of Our Easter Lily Plants



Lobelia

**LOBELIA**

The best of all for border plants, being low and covered with a mass of small blossoms. They thrive in almost any garden soil, but should be planted where they get the most moisture.

**Double Blue Kathleen Mallard**—Large double flowers of an intense blue, very desirable.

**Crystal Palace**—Deep blue; a splendid bedder.

**White Gem**—A beauty. A very fitting companion to Crystal Palace.

**Hambergia**—A new trailing variety which has found immediate favor. Flowers are a beautiful light blue and are single.

Each 10c.....doz., \$1.00

**LAVENDER**

**Lavendula Vera**—The true old-fashioned lavender. Greatly admired for its delicious fragrance. In this section it is not hardy, and must be cared for indoors in Winter. Each, 25c.

**LEMON VERBENA**—(See Aloysia, Page 3)

# EASTER LILIES

For this particular season we make a specialty of Easter Lilies which we grow by the thousands and at this time are prepared to ship in quantity to any part of this section. For individual home use and for church decoration no better flower can be chosen for of all pot plants they are the most stately. We are prepared to assist you in your choice of a Lily for Easter Sunday and all orders will receive special attention and care in packing to assure arrival in good condition.

Each of fine foliage and flower, \$1.50 to \$4.00.

**OUR EASTER LILY SPECIAL**

For this particular season we make a specialty of sending Easter Lilies to all parts of the country. These are specially wrapped with your card attached and shipped by express prepaid to destination desired.

**\$2.50**

**REMEMBER****WE PAY—**

Delivery Charges on all Plants, Trees, Bulbs and Roots except Evergreens.



One of Our Houses of Easter Lilies

SEE PAGE OF GARDEN BOOKS IN BACK PART OF YEARBOOK



GRUSS AN TEPLITZ

**PEERLESS  
BEAUTY  
ROSE  
COLLECTION**

These wonderful Roses  
are all 2 year old stock  
and come to you with  
a ball of earth on  
the roots.

Catalog Price **\$13.50**

As a Special Collection  
**\$10.00 Prepaid**



FRAU KARL DRUSCHKI



PINK RADIANCE



BELLE POITEVINE



BRIARCLIFFE



TALISMAN

See First  
Page in  
Rose Section  
of  
Year-Book  
for  
Detailed  
Description



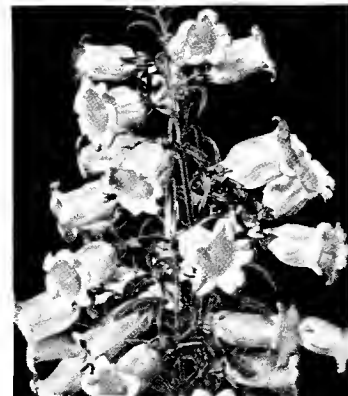
LOS ANGELES



AQUILEGIA "COLUMBINE"



REGALE LILY



CANTERBURY-BELL

Our Hardy Perennials may be had in 3" Potted Plants or in 1 and 2 year old Field Grown Clumps.

Prices and Description in Perennial Plant Section of this book.

Our Perennial Plants will give you a Garden of Blooms the same year they are planted.



COREOPSIS



DELPHINIUM—LARKSPUR



PYRETHRUM "PAINTED DAISIES"

Violas add Charm to the Rock Garden.



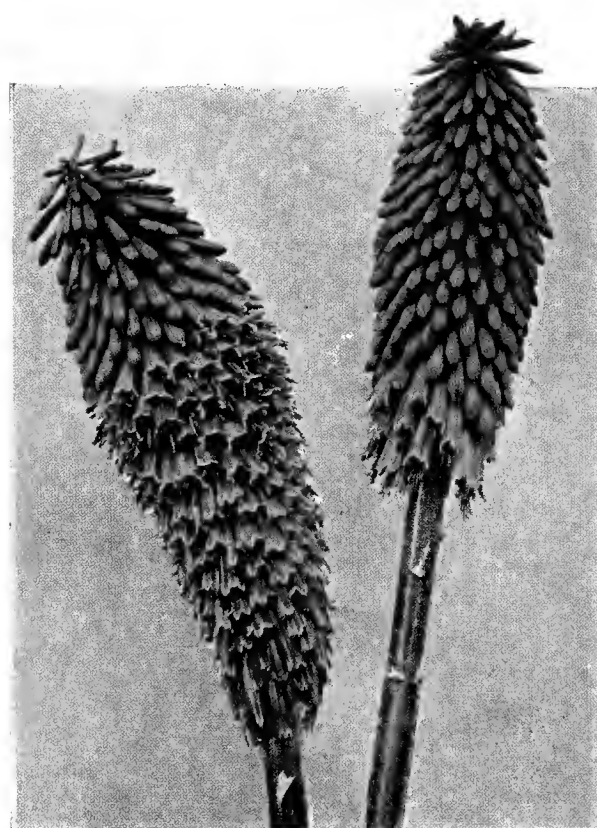
VIOLA "JERSEY GEM"

The roots of Peonies are shipped and they usually reach a blooming size bush the following year after planting.



PEONY "SARAH BERNHARDT"

For Complete Description and Prices of these Hardy Perennials turn to the Perennial Plant Section of this Year-Book



TRITOMA—RED HOT POKER





Marguerite

striped with yellow. Extremely fragrant. Dormant bulbs (November to June). Each, 50c.

- L. Rubrum**—Another handsome Lily and very largely grown for cut flowers. Of a very desirable pink freely sprinkled with deep crimson spots and markings, and reflexed petals. Dormant bulbs (November to June). Each, 50c.

### MADEIRA or Mignonette Vine

Very popular vine and a very rapid grower. Fleshy heart-shaped leaves of light green producing numerous racemes of feathery white flowers of pleasing fragrance. 3-inch only, each, 30c.

### MARGUERITE

**Mrs. F. Sanders**—This variety has taken precedence over all others of its class. It is double, pure white, with long stemmed blooms often measuring five inches in diameter. Grown in enormous quantities for cut flowers, and a splendid keeper when cut.

**Marguerite—Boston Yellow**—A magnificent golden Marguerite, with flowers from 3 to 5 inches in diameter. Greatly grown for cut flowers, having long strong stems.

**White Marguerite—(Chrysanthemum Frutescens)**—This is the well known single Paris Daisy, and the best known of the family.

**Mothers' Day Marguerite**—A new introduction—so named because of its dependable nature of early flowering—for Mothers' Day—the second Sunday in May. A splendid white Marguerite. Price of any of the above, each, 25c, 35c, 60c.

### MONEYWORT—Lysimachia Nummularia

This is a splendid trailing vine, exceedingly well suited for hanging baskets and porch boxes. Its long stems often reach a length of two feet and are closely lined on two sides with small dark green foliage, and it is rarely that they ever lose the foliage near the plant, making it one of the best plants for this purpose. It is very hardy—a few degrees of frost not injuring it at all—and will thrive under trees and in places where grass will not grow, making a veritable carpet of green. Each, 25c.

### MOON VINE—(See Ipomea, Page 16)

### OLEANDER

An immensely popular plant. It is a large semi-double red, pink or white bloomer which can be kept growing in almost any situation during the whole year. Each, 50c to \$2.00.

### OXALIS

**Grand Duchess—(Pink or Lavender)**—A very prolific flowering variety of easy growth. Fine house plant especially good for hanging baskets. This is possibly found in more homes than any other plant. (Plants in season, 35c; bulbs, 3 for 25c.)

**Bermuda Buttercup—(Yellow)**—Also very prolific in its flowering habit, an easy growing, distinct bright yellow. (Plants in season, 35c each; bulbs, 3 for 25c.)

**Hirta**—Large handsome foliage bearing pretty rose flowers. Plants in season, 35c each; bulbs, 3 for 25c.

### WHEN IN HELENA

You are cordially invited to visit our Greenhouses and we aim to give you a courteous and instructive welcome.



Moneywort



Oxalis (Hirta)



Oleander

### LILIES

(See Also Hardy Lilies, under Perennials)

**Calla Elliottiana**—A beautiful member of the Calla family, with dark green foliage spotted with silvery white, and handsome yellow flowers. A splendid house plant of the easiest culture. Each, 75c.

**Calla Aethiopica**—Calla Lily or Lily of the Nile. A well known and justly a favorite window plant. Of very easy culture. Each, 75c.

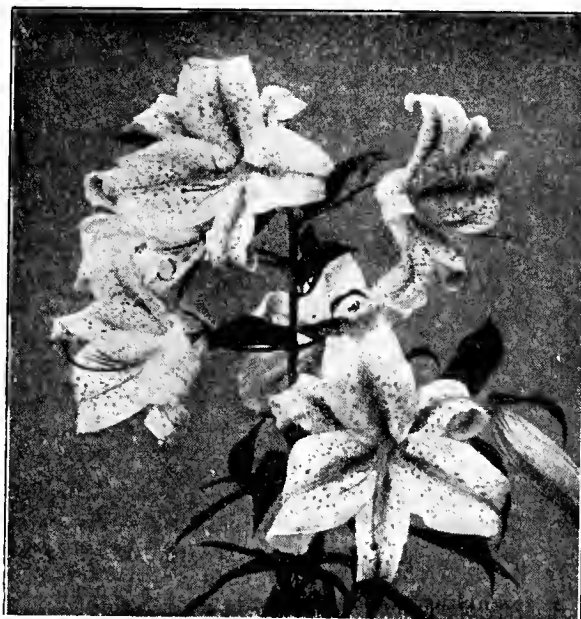
**Calla—Little Godfrey**—A smaller type of later introduction and with its extremely free flowering habit, has proved wonderfully popular. Each, 75c.

**Lilium Giganteum**—The well known Easter Lily. Dormant bulbs in season (October and November). Bulbs, each, 35c.

**L. Auratum**—The wonderful gold-banded Lily of Japan. Flowers will often, if well grown, measure ten inches in diameter, of a creamy white, spotted with crimson and



One of Our Houses of Pelargoniums Showing the Massive Blooms and Quality of Our Plants

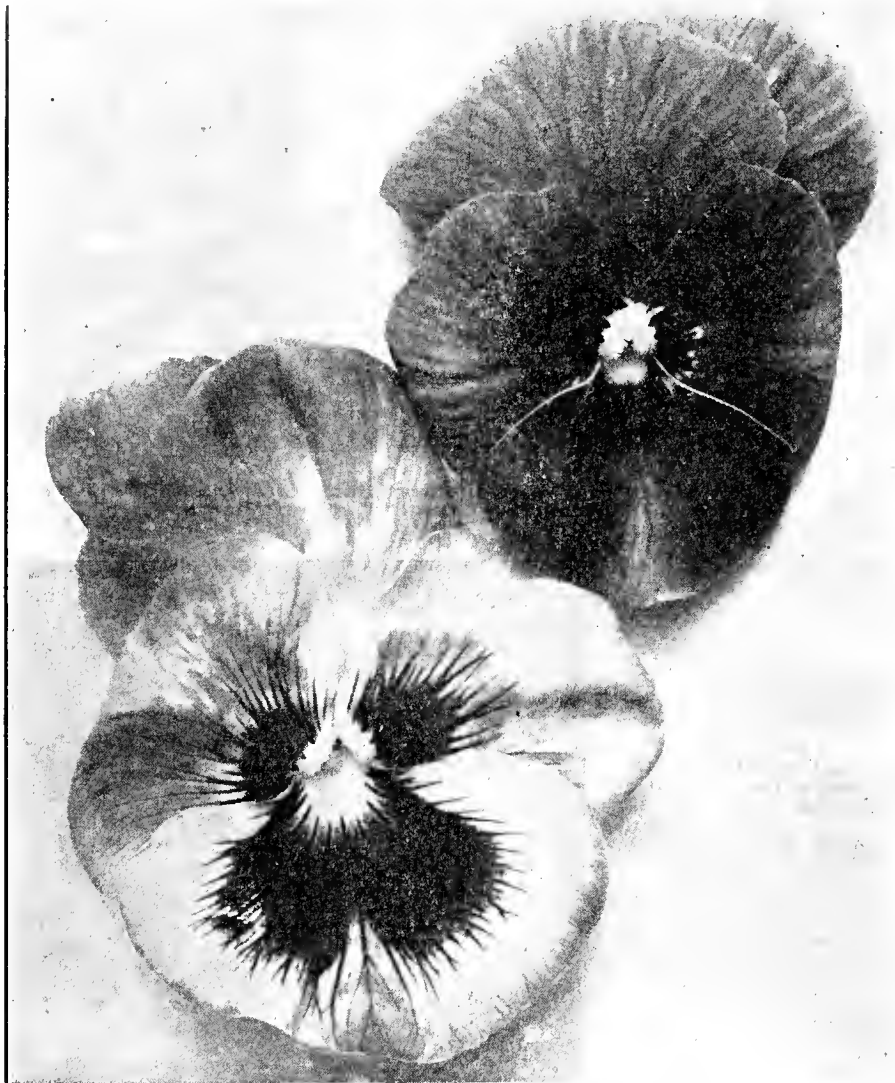


Lilium Auratum

COME TO US WITH YOUR GARDEN PROBLEMS—TRY A BED OF MARGUERITES



## OUR FAMOUS PANSIES



**BODGERS NEW DOUBLE NASTURTIUM**  
(Golden Gleam)

A remarkable development in this popular and easily grown species. The flowers are sweet scented and are double in their nature, very large and a beautiful golden yellow. The plant is of semi-trailing habit and bears the blooms well above the foliage on strong stiff stems; fine for cut flowers. This new race is as distinct an advance over the old type of Nasturtiums as the Dahlia flowered Zinnia is over the original type. We are offering strong started plants of this fine new novelty at 25c each.



New Nasturtium, "Golden Gleam"

### Perestrophe

**St. Augustine Grass**  
—A beautiful plant with handsome green and white variegated foliage. Excellent for porch boxes, hanging baskets and as a border for flower beds. Strong 3-inch pot plants, 30c; 4-inch pot plants, 50c.

DON'T  
MISS  
THE  
SPLENDID  
NEW  
CREATION  
BODGER'S  
GOLDEN  
GLEAM  
NASTURTIUM

The little "flower faces" have inspired many flower lovers as well as poets, and they are great garden friends of all the Europeans. They have become favorites here also, and now there is scarcely a garden without its bed of Pansies.

We wish to particularly emphasize that we are the most extensive growers of Pansies in this section. We specialize only in the finest strains obtainable and our present stock is from the most select and best European and American varieties. All our plants are clean, hardy and of vigorous growth. Plants are either in bud or bloom by May 1st and are packed in such a way that the root system is undisturbed and the plant receives no setback in its growth. We use five large houses for our Pansy stock besides nearly an acre in our Nursery.

**Prices of Pansies (our Giant Flowering Premium Strain), mixed, per dozen, 90 cents.**

Pansies can be supplied in separate colors: Light blue, pure yellow, black, red shade, dark purple, golden bronze, pure white and henna or tango red and mixed.

**Giant one-year-old Pansies: Clumps taken from the field, very large. Price per doz., \$2.00.**

Can also be supplied in separate colors the same as above.

### PETUNIAS

No bedding plants can make a more pleasing display than Petunias and none are freer blooming nor give a more continuous succession of blossoms than do these plants.

The Double varieties, Ruffled Monsters, and single Giant Fringed are especially beautiful in porch and window boxes, while the single varieties are very useful either for bedding or porch box use.

#### DOUBLE PETUNIAS

**Edna**—Pink mottled white.

**Guy**—A beautiful light pink.

**Jerome**—Purple with white edge.

**Snowball**—Finely fringed white.

**Talma**—Clear pink.

**Double Rosy Morn**—A new Petunia that has surpassed all expectations. The flower is deep pink and the plant is very bushy and stocky.

#### SINGLE PETUNIAS

**Ruffled Monsters**—Prized for their exquisite markings and coloring. Greatly improved type equaling the orchid in beauty and coloring.

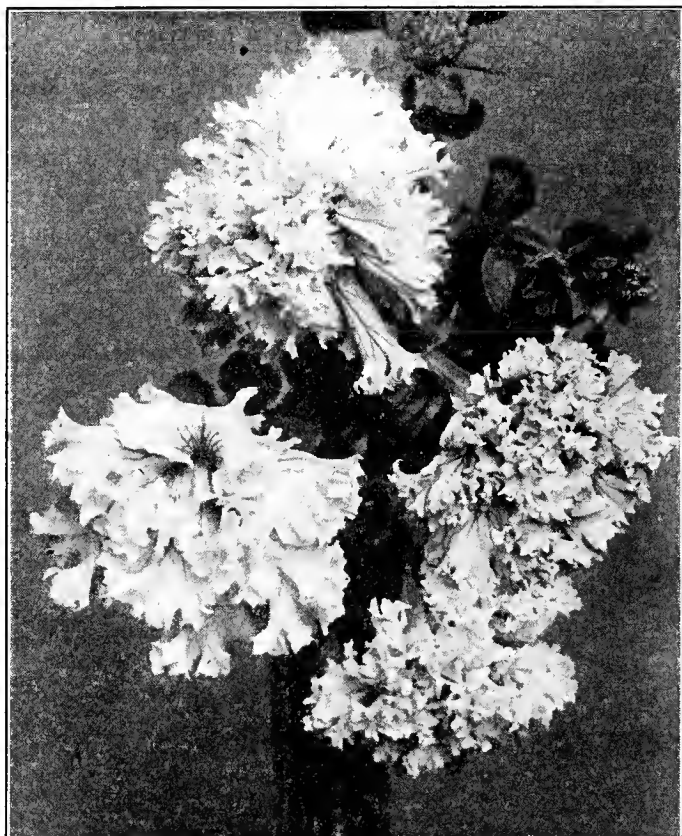
**Giant Fringed**—Mixed colors.

**Diener's Pink Glory**—One of the most handsome Petunias for porch boxes and bedding purposes.

**Rosy Morn**—(Single)—A splendid and favorite bedding variety.

**Blue Jay**—A real Royal Purple of recent introduction. A good companion to Rosy Morn.

**PRICES OF PETUNIAS**—Each, 3-inch, 25c; doz., \$2.50. Each, 4-inch, 40c; doz., \$3.75.



Double Petunia



Passion Flower

**PASSION FLOWER**  
(Coerulea)

The flower with the Biblical history, beautiful beyond description. The vines may be trained up on a small wooden trellis stuck in the pot. The flowers are a beautiful light blue suffused with rose. It is a vigorous grower as a house plant. Price, each, 45c, \$1.00 and \$1.50.

**PANS**

These pans contain Palms, Ferns, Coleus, Begonias, etc., and are very attractive and the contents most lasting. Each, \$2.50 and \$3.00 by express.

**PHILODENDRON**

**Friendship Vine**—The best indoor vine for planting wall pockets, vases, boxes, etc. Very hardy and recommended by many as superior to English Ivy. Each, 3-inch pots, 60c.

**PALMS**—(See Palms, Page 20)**PANDANUS VEITCHII**

A highly decorative plant with gracefully curved sword-like leaves which attain a length of about two feet. Foliage dark green in center margined creamy white. Of very easy culture and never troubled with insects. Each, 50c, \$1.00, \$1.50 and \$2.50.

**PRIMULA MALACOIDES**

This is the Baby Primrose. It bears masses of delicate lavender-colored flowers in wild profusion, and deservedly ranks among the best of the fall and winter house plants. Blooming plants, each, 35c and 50c.

**PRIMULA SINENSIS**—Kelway's Prize Strain

**Primula Sinensis**—Chinese Primrose—This is a beautiful house plant, and like the preceding variety is a profuse winter bloomer. In colors of red, white and lavender. Good plants in bloom from November to March. From 4-inch pots, each, 50c; from 5-inch pots, each, 75c.

**SALVIA**

(Watkins and Simpson Strain)

**Harbinger**—More commonly called Scarlet Sage; is without doubt one of our most valuable summer bedding plants. The flowers are larger and more profuse with their long erect spikes of most brilliant scarlet flowers, borne well above the deep green foliage. They are of easy culture and make a rapid growth. Plant in a sunny location using well fertilized soil and keep well supplied with water. A well grown bed of Salvia is literally a bed of fire. Each, 25c; doz., \$2.50.

**Blue Salvia**—A very handsome plant of the same type but having beautiful blue flowers. Price, each, 25c; doz., \$2.50.

**SAXAFRAGA SARMENTOSA**

**Aaron's Beard**—Mother of Thousands—or Strawberry Geranium—This is a handsome plant of a wonderful trailing habit, with brightly variegated foliage. It is a splendid plant for small hanging baskets, of a real decorative value, that will thrive under most adverse conditions. Each, 25c and 50c.

**SANSEVERIA ZEYLANICA**

Commonly called "Zebra Plant," of very easy culture and a plant that will withstand dust and dry weather without injury. Its tall growing, fleshy leaves are very attractive, being alternately barred green and white. Each, 65c; larger plants, \$1.00, \$2.00 and \$3.00.

**SHAMROCK**

The true small-leaved Irish variety. Pots, each, 25c (in season).

**DO YOU TAKE GOOD CARE OF YOUR PLANTS?**

If your plants are not thriving as they should, drop us a line. It is very likely that with our knowledge of the natural habits of the different plants and of the kind of growing conditions that each kind requires we can help you keep your plants in good health.

**TRADESCANTIA**—Wandering Jew

Beautiful trailing vines having thick, waxy, lance-shaped foliage. One of the most used plants for hanging baskets and window boxes.

Three varieties:

1. Green foliage—very rapid grower.
2. Green foliage—striped with gold.
3. Green foliage—striped silver and red.

Each, 25c; doz., \$2.50.

One each of the three varieties, 65c.

**TUBEROSES**

One of the most delightfully fragrant and exquisite of all summer blooming plants. It is desirable to plant the bulbs as soon as the ground becomes warm. Our specialty is the Excelsior Double Pearl variety.

Each, 15c; doz., \$1.25.



Tradescantia

**STOCKS**

One of the finest and most fragrant of plants which can be grown. Their free-blooming habit and their long keeping qualities when cut, together with their beautiful range of colors, make them a universal favorite with all flower lovers. We find that for best results it is necessary to grow these in pots. Dozen, 90c.

**WALLFLOWERS**—(Goldlack)

A very fragrant, easily grown old favorite. The plants we offer this season are raised from the finest strains which have been developed by European specialists.

**Wallflower**—Blood red—A very robust and sturdy grower, with fine foliage, producing enormous spikes of bloom of a red-dish brown.

**Wallflower**—Paris Market—A beautiful variety which may be treated as an annual. Set out early in the spring and you will have flowers all summer. Either variety from 3-inch pots, 25c; doz., \$2.50.



Primula Malacoides

THE ZEBRA PLANT MAKES A BEAUTIFUL NOVELTY IN THE HOME OR OFFICE



**VERBENAS**

The Verbena without doubt is one of the most valuable bedding plants for use in the Northwest. They bloom continuously through the summer, and very often after the first frost of fall. Their free flowering proclivities and brilliant shades of coloring render them attractive to every lover of summer flowers in the garden.

**Verbena—Oxford Beauty**—This is a very large flowered clear pink variety.

**Other colors**—Scarlet, pink, white, blue shades, purple, white and striped. Each, 25c; doz., \$2.50.

**VIOLETS**

We have found that Violets under proper cultivation can be grown in Montana that are equal of any in the entire country. As an evidence of this fact, the demand for Violets as cut flowers, in their season, in our own case has increased so rapidly that it now requires seven of our largest greenhouses to satisfy the demands made upon us for these fragrant blooms. We might add that our Violets won the silver medal at the National Flower Show at Detroit in 1927. Our Violets are under the care of an expert grower and are strong, vigorous plants, free from disease. Our pot grown plants are unequalled.



Part of a Morning  
Cut of Violets at  
Our Greenhouses

**Governor Herrick**—Flowers of rich purple borne on good stems and very prolific.

**Princess of Wales**—One of the best varieties grown. Flowers very large, long stems, a very profuse bloomer, and extremely fragrant.

**Dame Lloyd George**—A new introduction. This particular variety was gathered from the slopes of Mount Everest. Blue, with white eye. Fully as hardy as the other varieties. Perfumed.

Any of the above varieties, each, 35c.  
Collection—One each of the three varieties, 75c.



A Bed of Our Famous Temple Zinnias in Helena

**Our Wonderful Temple Zinnias****GIANT DAHLIA FLOWERED**

Zinnias are the showiest and the very finest of annuals and come in a variety of gorgeous colors. The plants we offer are of precisely the same variety as those we planted at the Shrine Temple, Helena, 1927, 1928, 1929, 1930, and again in 1931, which caused such a sensation. The plants we offer are all of the standard and novelty shades, healthy, strong and vigorous. To insure good plants for extra early flowering we are growing quantities in 3-inch pots. Prices from pots, per doz., \$1.50; from flats, per doz., 60c.

**StimUplant**  
Makes a  
Wonder Garden

**StimUplant**  
Makes a  
Wonder Garden

**StimUplant**  
Makes a  
Wonder Garden

**VINCA**

(See Japanese Tubs, Page 11)

This is without a peer as a decorative vine for porch boxes and hanging baskets. Of the most easy culture, and rapid growth, it is today the most used trailing plant for this purpose in all parts of the country. The demand for it in the United States runs into the millions each year, and is steadily growing.

Either in green foliage or variegated. Each, 3-inch pots, 25c; doz., \$2.50. Each, 4-inch pots, 50c; doz., \$5.00.



S.N.S.Co.

One of Our Fine Kentia Palms

**PALMS**

Probably the one of our greenhouses which receives the most enthusiastic attention from visitors is our Palm house in which are grown our Palms, Orchids and other Tropical plants. This house, which is twenty feet wide and one hundred feet long, is literally filled to the brim with rare and beautiful plants and in itself is well worth a visit to our Nursery.

No collection of plants is complete without Palms. No plant exceeds them in decorative value and few if any plants can stand dust and a dry atmosphere as well as can the Palm.

Our collection listed comprises only those varieties of practical value which can stand the usage to which house plants are generally subjected.

**CULTURE**—Water the soil about twice a week and sponge the leaves frequently with tepid water, to preserve health and discourage the accumulation of dust or marauding pests.

**Phoenix Roebelenii**—A very dainty and graceful Palm, having a dense growth of light and feathery foliage. In many instances it has proved more popular than the Kentia for decorative purposes and it is equally as hardy and very easy to care for. Price, each, 4-inch pots, \$1.25; 5-inch pots, \$1.50 up to \$3.00.

**Kentia Belmoreana**—One of the most graceful varieties of Palms on the market. Their long arching stems and fan-like canopy of richest green make them general favorites. They are very hardy and can be grown in the house for years with wonderful success. Each, \$1.00, \$2.00, \$3.00, \$5.00.

LET US HELP YOU PLAN A ROCK GARDEN  
One of the Newest and Most Beautiful  
Vogues in Gardening  
See Page 34

Don't Overlook Our New  
DAHLIA COLLECTIONS



See Also  
The Color Page  
of Our Peerless  
Beauty Rose Collection

# ROSES

Our Two Year Old  
Roses Are Balled  
and Burlapped

## OUR FAMOUS LARGE TWO-YEAR-OLD ROSES AT \$2.00 EACH—\$20.00 PER DOZEN

All of Our Two Year Old Roses at \$2.00 Each Come to You with a Ball of Earth at the Roots and Are Securely Burlapped. Thus the Root Systems Are Undisturbed and Growth Is Unchecked.

When plant is received it should be planted carefully, without disturbing the ball of earth and soaked thoroughly. It will start growth immediately, giving an abundance of flowers the first season.

**WINTER PROTECTION**—These roses will need to be protected in the winter time, as do all except the very hardiest varieties. Many of our customers find that the easiest way to prevent winter damage is to pile earth around the plant to a depth of about 12 or 15 inches and leave it there until after danger of severe frost in the Spring when the plant should be uncovered and all dead wood carefully cut out. Climbing roses should not be cut back, therefore, they should be laid down and carefully covered with straw or other material and left covered until danger from severe frost is past.

Prices of the two-year-old Roses listed on this page are \$2.00 each and \$20.00 a dozen. Express prepaid to your nearest station. For smaller bushes of many of the varieties listed on this page see the following pages in the Rose section.

**American Beauty**—One of the largest, sweetest and best of all hardy Roses. It is a quick grower, constant bloomer, making magnificent buds and large bold flowers; color, rich rosy crimson, shaded and veined in the most charming manner. One of the finest summer Roses.

**Briarcliff**—Bud one-third longer than Columbia, very large, long pointed flower  $4\frac{1}{2}$  inches across, high center, lasting, moderate fragrance, deep rose-pink at center, passing to lighter on outer petals, with a touch of citron-green at base, borne singly on long, strong stem. (See Color Page.)

**Commonwealth**—A deep pink, of medium strong stems of moderate fragrance. Buds large, long and pointed, the open flowers being double and very lasting. Foliage of medium size and rich green. Disease resistant.

**Fran Karl Druschki**—Commonly known as the Snow Queen or White American Beauty. One of the purest white Roses known. Very large blossoms with immense petals of splendid substance borne on long stiff stems. Very hardy and deservedly popular. (See Color Page.)

**Gruss an Teplitz**—A wonderful Rose of dazzling, fiery crimson. It is a very free grower and of unlimited flowering qualities, a Rose that should grace every collection. This variety is sometimes known as Prairie King. (See Color Page.)

**Legion**—A lasting cerise-red which produces well-shaped globular, fragrant buds, borne on excellent stems with foliage large and glossy reddish green. One of the finest cut flower varieties. (See Color Plate.)

**Los Angeles**—One of the finest Roses ever introduced. The growth is vigorous and produces a long-stemmed flower of a luminous flame-pink, toned with coral and tinged with gold at the base of the petals. (See Color Plate.)

**Mrs. F. R. Pierson**—One of the most recent introductions which we are very pleased to be in a position to offer in the larger sizes. It is a rich deep red, of fine foliage and very few thorns, very fragrant and free flowering. It is the red Rose of the season.

**Mme. Caroline Testout**—Clear, bright satiny pink; flowers very large and extremely showy. The famous Rose of the City of Portland.



Talisman



Los Angeles



Fr. Karl Druschki

**Premier**—Dark pink flowers of full size. Very fine form and pleasing fragrance, borne singly on stiff, almost thornless stems. A very vigorous and robust plant of free-blooming propensity.

**Rose Hill**—A new sport from Columbia, color a brilliant pink. Fine bud and flower. A good summer Rose and destined to be the most popular pink Rose ever introduced.

**Rapture**—A second generation sport of Ophelia through Butterfly. It is intensely brilliant in its vivid coloring of bright apricot, coral, rose and gold; it has more petals than its parent, and produces more blooms per plant than the Butterfly.

**Talisman**—One of the most astounding novelty Roses produced in many a year. Its brilliant orange red buds open to a large fragrant, high-pointed bloom of glowing golden yellow, stained with copper red and orange rose on the inside of the petal. (See Color Page.)

**Templar**—Clear, even shade of red of exceeding double form and strongly perfumed. Vigorous, upright, abundant and continuous bloomer.

**Pink Radiance**—Flowers are a beautiful shade of the richest tone of pink. Darker on the inner surface of the petals than on the margins. The buds are exceptionally large and fine. One of the best types of Roses grown. (See Color Page.)

### A FINE BOOK FOR ROSE LOVERS

**Roses**—By F. F. Rockwell. Tells just what the beginner or average flower lover can do with Roses. Varieties are classified according to their uses as garden, climbing, and landscape Roses and the part each of these plays in the garden is fully explained, with complete directions for Rose care and culture, planting, propagation, protection from insects and diseases, and variety lists; 74 illustrations, 88 pages. \$1.00.

WHAT IS A GARDEN  
WITHOUT A ROSE BED?  
Just tell us the amount you  
wish to spend and let  
us plan your  
ROSE BED FOR YOU

Unless Otherwise Directed We Shall Ship All Plants for Outside Planting at What We Think the Proper Time to Set Out  
**REMEMBER**—We Pay Delivery Charges to Nearest Postoffice or Express Station



S.N.CO.

Templar

STANDARD ROSES THAT WILL BLOSSOM  
THE FIRST YEAR

## OUR ROSES

We are listing only such stock that after years of experience we can recommend for hardiness and blossoming propensities. Our Montana-grown Roses are Roses of quality that will give results and are not to be compared with dormant stock shipped in by home houses.

**American Beauty**—Probably the widest known and most prized cut flower among all American Roses. Deep pink approaching crimson of exquisite form and fragrance, and large size.

**Red Radiance**—Stands among red Roses without a superior. It has flowers of the same exquisite form, the same sweet perfume, as Radiance. It is a remarkable bloomer, being constantly in flower from early spring until freezing weather.

**La France**—Although introduced in 1867 this wonderful Rose still preserves its popularity. Of a silvery rose, with pink shades, and satin-like petals of wonderful beauty and unequalled fragrance. A continuous bloomer.



Gen. Jacqueminot

## OUR ROSE PLANTS

Our prices are prepaid. Notwithstanding the fact that the practice adds materially to the cost of delivery, we ship only Rose plants which retain the ball of earth in which the plants were grown. This is of great value to our customers because it practically eliminates the danger of slow starting or loss of plant due to drying out or other injury to the delicate root system of the plants. The only care necessary in planting our Roses is to set them out as soon as practicable after delivery, firming the earth tightly around the roots and soaking thoroughly and to take care not to disturb the ball of earth around the roots.

Because of this method of handling our plants, our Roses should not be confused or compared with those from most firms, since it is a general practice with most nurseries to ship plants from which all earth has been washed, greatly increasing the danger of the roots drying out in transit and of other injuries to the plants.

Lodge Grass, Montana, May 26, 1931.

State Nursery and Seed Co.,  
Helena, Montana.

Dear Sirs:

My Rose and Clematis came through in fine shape. I did not know they ever shipped such large and beautiful Rose bushes. Many thanks for choosing such a lovely one.

Sincerely,

MRS. J. R.

**Mrs. F. R. Pierson**—A sport from Premier, a very fine example of scarlet crimson. The buds are of excellent shape and the foliage is very fine, the stems having but few thorns. The color is perfect.

**Frau Karl Druschki**—Commonly known as the Snow Queen or White American Beauty. One of the purest white Roses known. Very large blossoms with immense petals of splendid substance borne on long stiff stems. Very hardy and deservedly popular.

**General Jacqueminot**—"General Jack"—A celebrated Rose with shapely buds and handsome flowers of brilliant velvety crimson. Very fragrant.

**Radiance**—Flowers are a beautiful shade of the richest tone of pink, darker on the inner surface of the petals than on the margins. The buds are large and very fine. There is no finer Rose grown than this.

**Kaiserin Augusta Victoria**—One of the best white Roses ever introduced. A most sturdy grower with large perfectly formed and fragrant flowers, it combines all the attributes that go to make a perfect Rose. Very profuse.

HERMOSA AND SUNBURST ARE TWO ROSES THAT  
SHOULD BE IN EVERY GARDEN

Roses for outdoor planting are not shipped until danger from frost is past. Do not, therefore, be surprised if on an early order for plants, in which Roses are included, these are held back from shipment until we feel that under ordinary conditions it is safe to plant them.

## PREPAID ROSE PRICES

Each, 3-inch, 45c; .....dozen, \$ 4.50  
Each, 4-inch, 75c; .....dozen, 8.00  
Two-year-old, each, \$1.50; .....dozen, 15.00

## ANY SIZE AT DOZEN RATE

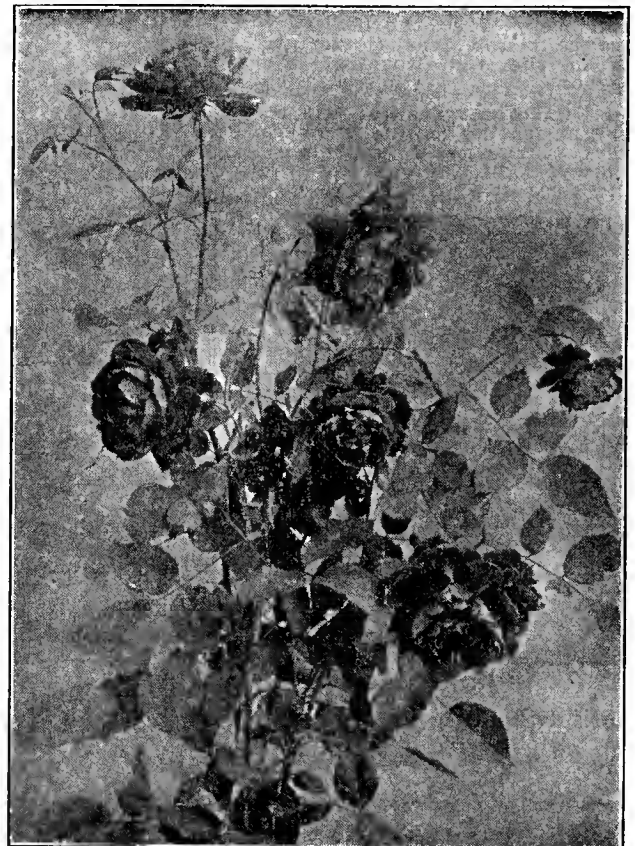
**Hermosa**—This is another old favorite, introduced in 1840, but still retains its popularity. While it is of the Bourbon type, it is of a free-blooming nature, with finely formed flowers of a soft deep pink.

**Gruss an Teplitz**—A wonderful Rose of dazzling, fiery crimson. It is a very free grower and of unlimited flowering qualities, a Rose that should grace every collection. This variety is sometimes known as Prairie King.

**Clothilde Soupert**—Often called the Cemetery Rose, as it will bloom and thrive with so little care. It is a cluster bloomer, white, shading to a light pink, of dwarf growth and very fragrant. An ideal pot Rose for house use in winter or summer.

**Sunburst**—A splendid Rose of vigorous habit and one of the largest of the H. T. type. The color is an orange-copper or golden orange, very intense, giving a most brilliant effect. A giant of its class, of perfect form, good keeping qualities when cut, it has proven an estimable garden Rose for this section.

PREPAID ROSE PRICES—Each, 3-inch, 45c; doz., \$4.50. Each, 4-inch, 75c; doz., \$8.00. Two-year-old, \$1.50, doz., \$15.00. Any 6 at dozen rate.



Gruss an Teplitz



# CLIMBING, RAMBLER AND RUGOSA ROSES

## SIMPLE CULTURAL DIRECTIONS FOR ROSES

**Culture**—Considering their easy culture, Roses form a class of plants that should be in every garden in the Northwest, for they flourish so remarkably. The best results come from Spring planting and the bushes produce blossoms that year. The following simple rules will help at planting time:

**Treatment on Arrival**—The plant should be planted as soon as possible after arrival, even though the temperature should be a little below freezing. It can be protected from frost for a few days by wrapping in burlap. Take great care not to disturb the roots or the ball of earth that surrounds the roots and soak thoroughly after planting.

**Planting**—Select sunny location guarded from north winds. Spade deeply, thoroughly mixing into soil a goodly supply of well rotted cow manure. After growth starts, feeding with a good commercial fertilizer or plant food is very beneficial. Pack soil thoroughly about the roots and soak well.

## BABY RAMBLERS

**Crimson Baby Rambler**—(Erna Teschendorf)—A dwarf form of the Crimson Rambler, with deep crimson clusters of bloom flushed with carmine.

**Pink Baby Rambler**—(Le Marne)—A dwarf type of bushy habit, producing beautiful panicles of bloom the whole summer. Semi-double flowers, bright rose at the edges, rosy-blush inside. Unequalled as a decorative pot plant at any season.

**Golden Salmon**—The newest Polyantha and one of the best and most attractive. The blossoms are borne in thick clusters and are semi-double. Their color is a beautiful red salmon overlaid with a sheen of orange and gold, the light eye daintly conspicuous.

**PRICES OF ABOVE RAMBLER ROSES**—1-year-old, \$1.00; 2-year-old, \$1.50; 3-year-old, \$3.00 and \$4.00.

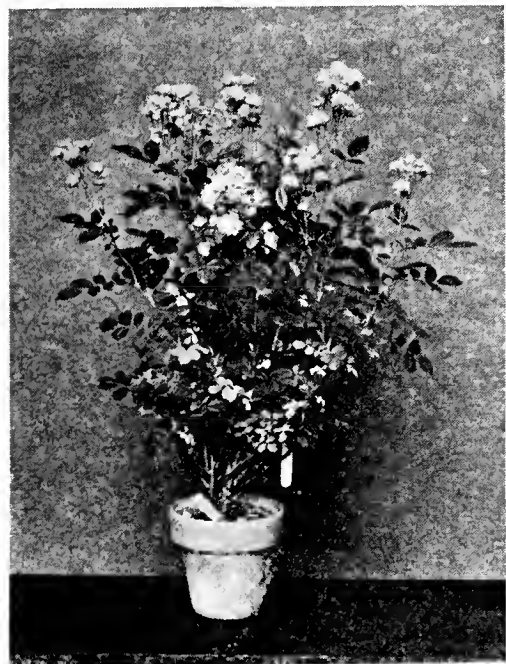
## HARDY RUGOSA ROSES

**F. J. Grootendorst**—A cross between the Rugosa Rubra and the Crimson Baby Rambler. Flowers are small, double and borne in great profusion in clusters and are a bright crimson in color. The foliage is exceptionally beautiful. Each, \$1.50.

**Pink Grootendorst**—A charming shell pink form of the F. J. Grootendorst with the same true Rugosa growth. Blooms profusely throughout the summer season. A splendid hedging Rose or Shrub for massing. Fine vigorous plants, each, \$2.00.

**Hansa**—A very hardy variety with dark purple red flowers. Excellent for foundation plantings. Each, \$1.50.

**Sir Thomas Lipton**—A fine vigorous grower with large double white flowers. A really remarkable white Rose. Each, \$1.50.



Golden Salmon  
A Beautiful Rambler Type

**Belle Poitevine**—A fine Rose of this type with brilliant magenta-purple flowers, produced unceasingly on vigorous plants. A splendid variety for landscape use. (See Color Plate.) Price, each, \$1.50.

**Blanc De Coubert**—Another fine double white sort which has gained rapid favor and is used extensively in mass effects. Price, each, \$1.50.

**Amelle Gravereaux**—A very vigorous and productive grower, producing flowers of a bright purple red, very fragrant. It is almost a climber and makes a wonderful pillar. Each, \$1.50.

**StimUplant**  
Makes a  
Wonder Garden

## CLIMBING ROSES

### PAUL'S SCARLET CLIMBER



**Paul's Scarlet Climber**—One of the hardiest and best of the climbing Roses, bearing large semi-double scarlet shaded crimson flowers, long blooming and holding flowers long after many June bloomers have dropped their petals. A wonderful Rose for trellis or pergola work. A Rose that should grace every garden.

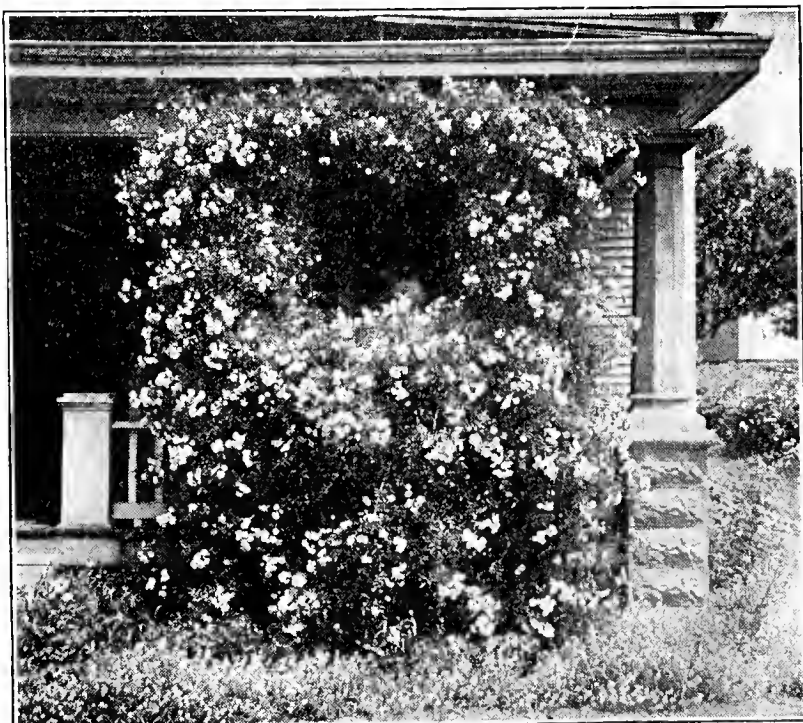
**Climbing American Beauty**—This is one of the best of the climbing Roses and a very strong, vigorous grower. It is a seedling from the well known American Beauty. It is almost a continuous bloomer, a vigorous climber and has proved to be extremely hardy. The flowers are a rich rosy crimson having wonderful form and substance.

**Dorothy Perkins**—Shell pink, very fragrant, blooms in clusters, vigorous climber.

**Crimson Rambler**—This Rose is of vigorous growth. It flowers in clusters forming a mass of vivid crimson beauty.

**Lady Gay**—Buds of a deep pink, changing to cherry-red, the open flower finally changing to a creamy white. The blooms are produced in large trusses, and form a mass of beauty from the ground to the top of the vine.

**PRICES OF CLIMBING ROSES**—1-year-old, \$1.00; 2-year-old, \$1.50; 3-year-old, \$3.00 and \$4.00.



Dorothy Perkins—Climbing Rose



# BRIAR ROSES



*Rosa Hugonis*

**Rosa Hugonis**—This rose has surpassed all our expectations both in growth and beauty. For hedge purposes it cannot be equalled and it is also ideal for foundation plantings for specimen purposes. Matured bushes attain a height of six feet, with corresponding spread. The flowers are single, flat to cup shaped, set singly the full length of the arching canes. Color very noticeable and varying in shades of yellow from deep gold to canary. Extra large nice bushes, \$2.50; smaller bushes, \$1.25.



Climbing American Beauty

**Harrison Yellow**—A fine hardy Rose of single free flowering proclivities. This type of Rose does not as a rule require very much pruning, only to remove the dead and superfluous wood. The bushes make fine specimens for lawn and garden and need very little protection if any to stand our severe winters. The bush bears its flowers profusely and they are a rich golden yellow in color. Field grown plants, each, \$1.25. Large specimens, \$2.50.

**Persian Yellow**—A large and a very fine double Rose, which flowers most freely. The blossoms are of a deep golden yellow color, being borne with great intensity with little or no pruning. This Rose is also very hardy and a very vigorous grower. Field grown plants, each, \$1.25. Larger specimens, \$2.50.  
(It is the Harrison and Persian Yellow Roses which are seen blooming so profusely around the vicinity of Mammoth Hot Springs in Yellowstone Park.)

## Let Us Help You Plan Your Rose Garden

ROSES CAN BE SUCCESSFULLY GROWN IN MOST PARTS OF MONTANA  
Our 42 Years of Experience in Montana and the Northwest Have Enabled Us to  
Select and Grow the Hardest and Most Adaptable Plants  
Necessary for Complete Success

**REMEMBER—We Pay Delivery Charges  
To Your Nearest Postoffice or Express Station**

State Nursery and Seed Co.,  
Helena, Montana.

Lco, Wyoming, August 1, 1931.

Dear Sirs:

We wish you could see those two Rose bushes we bought from you this Spring. They arrived in perfect condition. The yellow Rose had thirteen blooms, the red one has just opened a perfect bloom, with six others opening, and they say Roses won't bloom here. Every plant we purchased from you has made a wonderful growth. How wonderful to know where to buy.

Yours truly,

THE KORTES'S



Persian Yellow Rose



Harrison Yellow Rose



American Beauty Rose

**StimUplanT**  
Makes a  
Wonder Garden

# HARDY PERENNIALS

The State Nursery and Seed Co. is the largest grower of perennials in the Northwest. Our collection, which affords such a wonderful and colorful display every summer and fall, is the largest and best in this section and we are continually adding to this stock. With no other class of plant is it possible to have as continuous a display of bloom and beauty, with as little effort, from early spring to the killing frosts of fall as with Hardy Perennials. A bed or border or foundation planting of these beautiful plants, properly selected and arranged, will produce a wealth of bloom continuously all through the summer until the killing frosts. For our climate in the Northwest there is no question but that they are by far the best class of plants for those who desire a profusion of bloom for the garden with the least expenditure of effort. Give them ordinary good soil enriched occasionally with well rotted manure and keep them watered at proper intervals, or just simply water when you can see they are dry. As soon as the first killing frosts in the fall have killed the top growth, remove the dead tops and cover the plants with a mulch of dead leaves or straw. In the spring when growth has started add a little of a good commercial fertilizer and cultivate lightly into the soil; this will furnish them the food and stimulus to bring out their best growth efforts.

## ACHILLEA

**The Pearl**—A well known form of this flower, with handsome double flowers, blooming very early, and with good keeping qualities when used for cut flowers. Height 2 feet. Young plants, each, 30c; doz., \$3.00. Large field grown clumps, each, \$1.00 and \$2.00.

## ANTHEMIS—Hardy Marguerite

**Kelwayii (Improved)**—Daisy-like yellow blossoms produced all summer. Finely cut foliage. Excellent for cut flowers. Each, 30c; doz., \$2.75.

## ARABIS ALPINA—Rock Cress

A very early flowering carpet-like plant valuable for rockery and edging. It forms a dense carpet, and is literally covered with white flowers. Each, 30c; per doz., \$2.75.



Anemone in Our Nursery

## ALYSSUM SAXATILE—Gold Tuft

One of the most useful plants either for rockery or border. Produces large flat heads of yellow flowers in May and June. Height one foot. Strong young plants, each, 30c; per doz., \$2.75.

## AQUILEGIA—Columbine

(See Color Plate)

### Our New Long Spurred Hybrids

The value of Columbines for bedding purposes, their beauty for use as cut flowers and their hardiness and ease of growth, recommend them as one of the best of the perennials. We have been selecting flowers of the long spurred varieties until we believe we have some of the very best of this class of flower. Our strain contains the following shades: white, blue, blue and lavender, scarlet and red, and pink and rose shades. Strong young plants, each, 30c; per doz., \$2.75. Large field grown clumps, each, \$1.00, \$2.00.

## HARDY ASTERS—Michaelmas Daisies

These beautiful hardy perennials must be seen to be appreciated. Growing from 2 to 3 feet high they are covered late in the fall with myriads of single blooms, and are exceedingly useful for cut flowers.

**Perry's White**—One of the finest whites on the market.

**Lillian Fardell**—Rosy pink.

**Lady Lloyd**—A very fine clear rose pink.

**Climax**—A fine deep blue.

**Feltham Blue**—Considered one of the best.

**Praecox**—Rosy purple.

**F. W. Raynor**—Fine pink; growing about 2 feet high, very bushy habit.

Each of the above, 30c; doz., \$2.75. Large field grown clumps, each, \$1.00 and \$2.00.



Hardy Asters

## ANCHUSA ITALICA

**Dropmore Variety**—Very free flowering plants of a branching habit, with flowers of a gentian blue, and very attractive. Almost continuous bloomer in this section after June. Height 3 feet. One of the very best hardy perennials of its color. Strong young plants, each, 30c; doz., \$2.75.

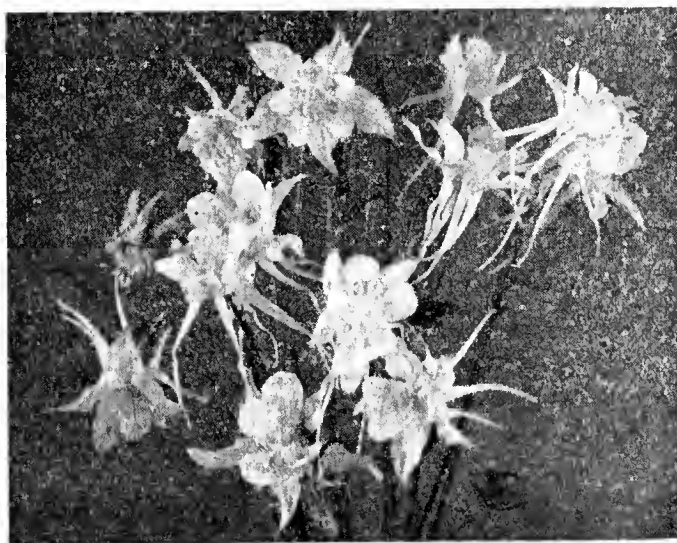
## ARTEMISIA

**Laetiflora**—A very effective and most desirable plant either for the border or as a plant among shrubbery. Height about four and one-half feet. Fine foliage and large panicles of Hawthorne-scented creamy white flowers which fill the garden with fragrance. A splendid and graceful cut flower. Each, 30c.

## ARMERIA—Sea Pink or Thrift

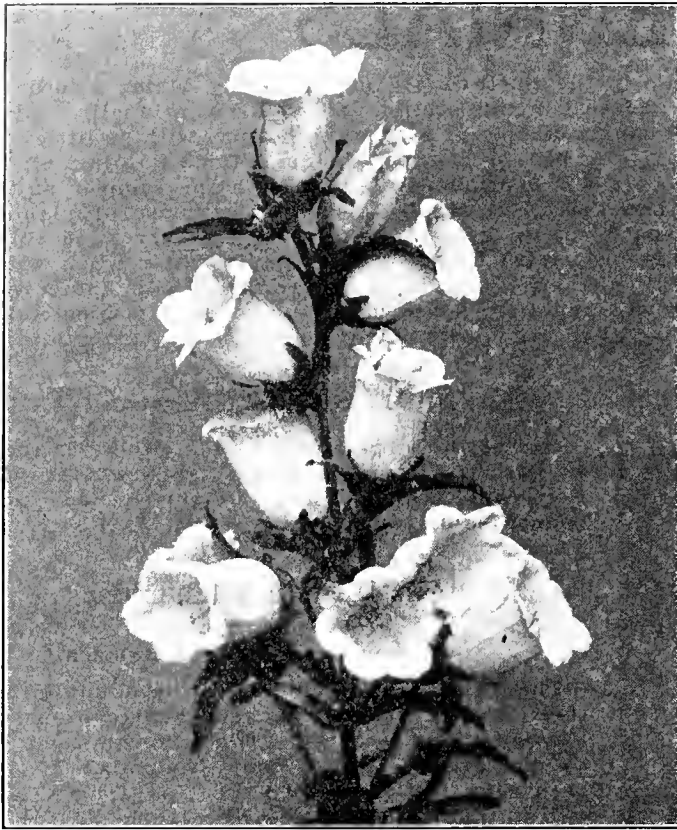
Very attractive dwarf plants that thrive in any fairly good soil. Very useful in the rockery and for the border.

**Formosa**—This is a splendid variety having heads of rosy pink flowers; is a vigorous grower and hardy. Each, 30c; doz., \$2.75.



Aquilegia—Columbine

BRING YOUR LANDSCAPING PROBLEMS TO US



Campanula Media (See Color Plate)

**CERASTIUM TOMENTOSUM—(Snow in Summer)**

A very desirable plant for covering as with a white carpet, dry, sunny places. Low growing with white foliage and flowers. Very fine for planting on graves. Young strong plants, each, 30c; per doz., \$2.75.

**CAMPANULA—(Canterbury Bell)**

Our Campanulas during the past three seasons were exceptionally fine and were greatly admired by nurserymen from far and near. If the wilted flowers are kept picked off they will keep in flower all summer. Campanulas love a good rich soil and a half shady location. As border plants they are indispensable. Stake all the taller varieties.

**Media**—Single in colors of dark blue, white, light blue and rose. Each, 50c; doz., \$5.00.

**Calycanthemia (Cup and Saucer Canterbury Bells)**—They differ from most of the varieties in that the calyx is the same color as the flower, giving it the appearance of the cup and saucer. We offer them in the following shades: Delicate rosy pink, dark blue and pure white.

The above in 4-inch stock— all extra quality, 50c; doz., \$5.00.

**Pyramidalis (The Chimney Bell Flower)**—Blue salver-shaped flowers, 3 to 5 feet. Each, 30c; doz., \$2.75.

**CHRYSANTHEMUM MAXIMUM—Shasta Daisy**

Among summer flowering perennials these are perfect gems. The growth of dark green foliage is of attractive formation covered profusely with flower stems bearing pure white flowers about 2½ inches in diameter. Blossoming develops in September and continues through till hard frost. A real garden favorite which can be relied upon to provide cut blooms of lasting quality.

**C. Maximum King Edward VII**—A splendid Daisy. Beautiful for cut blooms, two or two and a half feet high.

**C. Shasta Daisy—"Alaska"**—(Burbank's Improved)—Something new in Shasta, and very fine.

**HARTJE AND ELDER'S HARDY DAISIES**

A very useful early form of the Shasta Daisy. Very free flowering hardy perennial, excellent for cutting and absolutely hardy.

Strong young plants, each, 30c; doz., \$2.75; large field grown clumps, each, \$1.00 and \$2.00.

**CRESS—Water**

Cress (water). While this hardy perennial aquatic plant really thrives the best along a running stream, it will prove a sturdy and successful grower if kept in very moist soil. Water Cress is becoming more popular each day as a table delicacy and its spicy mellow tang can be found in no other edible plant. Try a plant or so in your Lily Pool, where they will thrive to perfection. Potted plants, each, 30c; doz., \$2.75.

**AUBRETIA—Rainbow Rock Cress**

Very pretty dwarf growing plants suitable for the rockery or for edging. They form masses of silvery green foliage and masses of flowers in spring and summer. Each, 30c; doz., \$3.00.

**BLEEDING HEART—(See Dielytra, Page 27)****BOLTONIA—(False Chamomile)**

Among the most showy of our hardy perennial plants, with large single flowers, resembling a single Aster, and borne in great profusion. Three to four feet.

**B. Asteroides**—Pure white.

**B. Latisquama**—Pink tinged, lavender. Each, 30c; doz., \$2.75.

**CANDYTUFT, HARDY—(See Iberis, Page 28)****CENTAUREA**

**Centaurea Montana**—The Perennial Cornflower. A very handsome hardy perennial, bearing blue and white flowers, growing about 18 to 24 inches.

Mixed—blue and white, each, 30c; doz., \$2.50.

**CHEIRIANTHUS**

**Cheiranthus Allioni (Siberian Wallflower)**—A beautiful rock plant, dazzling fiery orange flowers on stems about a foot high. Best used as a biennial. Each, 30c; doz., \$2.75.

**COLUMBINE—(See Aquilegia—Page 25)****COREOPSIS—(See Color Plate)**

**C. Lanceolata Grandiflora**—A popular plant everywhere. It bears golden yellow blooms in great profusion, valuable for cut flowers, and lasting well into fall. Two feet.

**C. Lanceolata Grandiflora Fl. Pl.—Semi-double**—A fine addition to the herbaceous perennials. Produces rich golden flowers on wiry stems in great profusion. Strong young plants, each, 30c; doz., \$2.75; large field grown clumps, each, \$1.00 and \$2.00.

**DIANTHUS BARBATUS—Sweet William**

One of the most popular of outdoor bedding plants, throwing strong stems of brilliantly colored blossoms. During the period of their blooming the foliage is completely hidden by masses of attractive blossoms.

**D. Latifolius Atracoccineus**—(Everblooming Hybrid Sweet William). A brilliant summer bedding variety producing masses of brilliant, fiery crimson flowers throughout the entire season.

**Holborn Glory**—This is a large flowered selection of the auricled-eyed section, the most beautiful and admired of all Sweet Williams.

**Scarlet Beauty**—A very effective rich deep scarlet.

**Pink Beauty**—One of the prettiest among the Sweet Williams. Each, 30c; doz., \$2.75.



Shasta Daisies—Alaska



**DIANTHUS—Hardy Pinks**

One of the finest flowers for perennial borders. Very hardy and free blooming.

**Red Montana**—A beautiful example of type, flowers large and borne in clusters, deep red in color. A very vigorous grower and the stems are long, making excellent cut flowers. Each, 50c; doz., \$5.00.

**Hardy Grenadine Carnations or Hardy Old Fashioned Pinks**—Beautiful shades of red and white. Prolific bloomers. Each, 30c; extra large plants, \$1.00.

**Dianthus Plumarius (Clove Pinks)**—Flowers are pink, purplish and white and very fragrant; they are borne on long spikes. The plants are very suitable for border work or for rock gardens, blooming continuously throughout the summer if the flowers are cut off when they begin to fade. Each, 30c; doz., \$2.75.

**Highland Queen**—The most brilliant single perennial Dianthus in cultivation, bearing lustrous scarlet vermilion flowers in profusion. Ideal for bedding, borders or rock gardens. Each, 30c; doz., \$2.75.

**Cheddar Pink**—A very compact grower, makes a cushion of glaucous leaves. Bears in profusion sweet scented rose-colored flowers. Ideal for the rock garden. Each, 30c; doz., \$2.75.

**DELPHINIUM—(Perennial Larkspur)**

(See Color Plate)

Few plants are as stately and decorative in the garden as the perennial Larkspur. Our basic stock is from Kelways and Watkins and Simpson's famous strains and we have selected and re-selected these plants for type, vigor, style and decorative value until they are as near perfect as it is possible to produce them. There are many species in cultivation, but the most important are the tall hybrids, of which there are many varieties with a wonderful range of color. They are valuable for their great variety in height, varying from 1 to 6 feet; their color also ranges from the palest lavender through every conceivable shade of blue to deep indigo. They thrive under any of the climatic conditions found in the Northwest and in any of the natural soils. A good deep rich soil will repay with larger flowers. The flowers should be removed before the seed pods form and the plants will bloom later in the season again.

**Bella Donna**—Turquoise blue.

**Bellamosum**—Dark blue form of Bella Donna. Very free from mildew.

**W. S. McClellan**—Tall, with semi-double flowers, very dark violet, shaded white in center.

**Geraldine Kelway**—A tall variety with pale azure-blue flowers, single.

Strong young plants, each, 30c; doz., \$2.75. Large field grown clumps, each, \$1.00 and \$2.00.

**DELPHINIUM CHINENSE**

This is a free flowering type and makes a wonderful show when planted in masses for borders, cut flowers, and excellent for the rockery.

**Blue Butterfly**—Improved: This is a fine new variety of the Chinese type. The plants average 12 inches in height, and bear rich aquamarine blue flowers and the foliage is delicate and feathery. Fine strong plants, each, 35c; doz., \$3.00.

**S. N. & S. CO.'S MIXED HYBRIDS**

After several years of selecting and re-selecting we have obtained some really exceptional varieties which we are positive cannot be surpassed for size and colorings.

Strong young plants, each, 30c; doz., \$2.75. Large field grown clumps, each, \$1.00 and \$2.00.



Selecting Types of Delphinium for Seed Purposes in Our Nursery

**REMEMBER**

Our Prices

Bring

These

Plants

Right to

Your

STATION



Dielytra—Bleeding Heart

**DIELYTRA****Bleeding Heart**

An old-fashioned favorite. Its long racemes of graceful heart-shaped pink flowers are always attractive. It is perfectly at home in any part of the Hardy border and is especially useful for planting in the shade.

Each, 75c. Extra large field grown clumps, each, \$2.00.

**DORONICUM EXCELSIUM**

(Leopard's Bane)

Splendid for cut flowers, having a good long stem, and will last a long time in water. Will thrive almost anywhere. Pretty orange yellow.

Very early. Strong young plants, each, 30c; per doz., \$2.75.



Dianthus "Red Montana"

**DIGITALIS—Foxglove**

While in bloom these dignified and stately stalks, with their luxuriant foliage, seem to dominate the whole garden.

**Gloxinaeflora**—A beautiful strain of finely-spotted varieties in beautiful colors of white, purple, rose and lilac.

**Giant Shirley**—This variety is of extraordinary size and vigor, growing from 5 to 6 feet tall. Colors range from white and shell pink to deepest rose.

Price of the above, each, 50c; doz., \$5.00.

**FUNKIA—Plantain Lily**

**Variegata**—Plants easy to manage, having broad, massive variegated foliage, blue flowers; fine for edging or borders. Each, 30c; doz., \$2.75.



Digitalis—Foxglove

**GAILLARDIA—Portola Hybrids**

(See Color Plate)

One of the most beautiful of perennial plants and most popular for cutting. The center of the blossom is a dark red-dish brown with beautiful markings of brilliant crimson, orange and vermillion, and occasionally a combination of all in the one flower. Each, 30c; per doz., \$2.75.

**GEUM**

**Mrs. Bradshaw**—18 inches high. A splendid new variety with large double flowers of a fiery red, blooming nearly all summer, very attractive. Fine rock garden plant.

**Lady Stratheden**—A new introduction of great merit, rich golden yellow blossoms—fine for hardy garden and the rock garden. Either variety, each, 30c.

**GYPSOPHILA—Baby's Breath**

The Gypsophilas with their attractively arranged masses of minute flowers should be in every garden. If cut and dried will retain its beauty for months, providing decorative material of the very best.

**Paniculata**—The popular old-time Gypsophila much admired for its feathery appearance. Price, each, 30c. Large field grown clumps, each, \$1.00 and \$2.00.

**Bristol Fairy**—A wonderful new introduction; produces much larger panicles of flowers in which the individual blossom is larger and much purer white. Blooms continuously through the summer. Strong roots. Each, \$1.00.

**HELENIUM—Sneeze Wort**

**Riverton Beauty**—Striking colored blooms, lemon yellow and purplish black. Each, 30c.

**Riverton Gem**—Old Gold, changing to wallflower red. Price, each, 30c.

**HELIANTHEMUM—Rock or Sun Rose**

Low-growing evergreen plants, forming broad clumps, and which during their flowering season, July to September, are hidden by a mass of bloom; excellent for border plants or for the rockery or dry sunny banks. Each, 30c.

**HELIOPSIS—Orange Sunflower**

A valuable addition to the hardy border, for cut flower purposes, blooming earlier than the sunflowers, and rarely exceeding three feet.

**H. Pitcheriana**—Flowers about two inches in diameter, double, of a deep golden yellow. Continuously in bloom the entire summer. A splendid cut flower. Each, 30c; doz., \$2.75.

**HEUCHERA—Coral Bells**

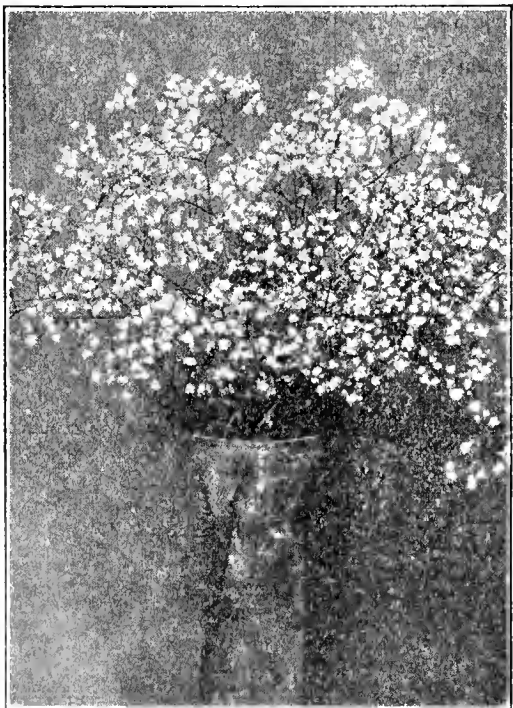
A splendid hardy perennial, with flowers of a bright red coral color. Excellent for cutting. Each, 30c.

**IBERIS—Hardy Candytuft**

A most desirable hardy dwarf evergreen plant flowering very early in the spring, and literally covering the foliage with dense heads of bloom. Ten inches.

**Iberis Sempervirens**—Pure white, innumerable flat heads of bloom. Each, 30c; doz., \$2.75.

**Iberis Gibraltarica**—A very free flowering variety with white flowers shading to lilac. Each, 30c; doz., \$2.75.

**Gypsophila—Bristol Fairy**

Moore, Mont.,  
Oct. 24, 1931.  
State Nursery Co.,  
Helena, Montana.  
Gentlemen:

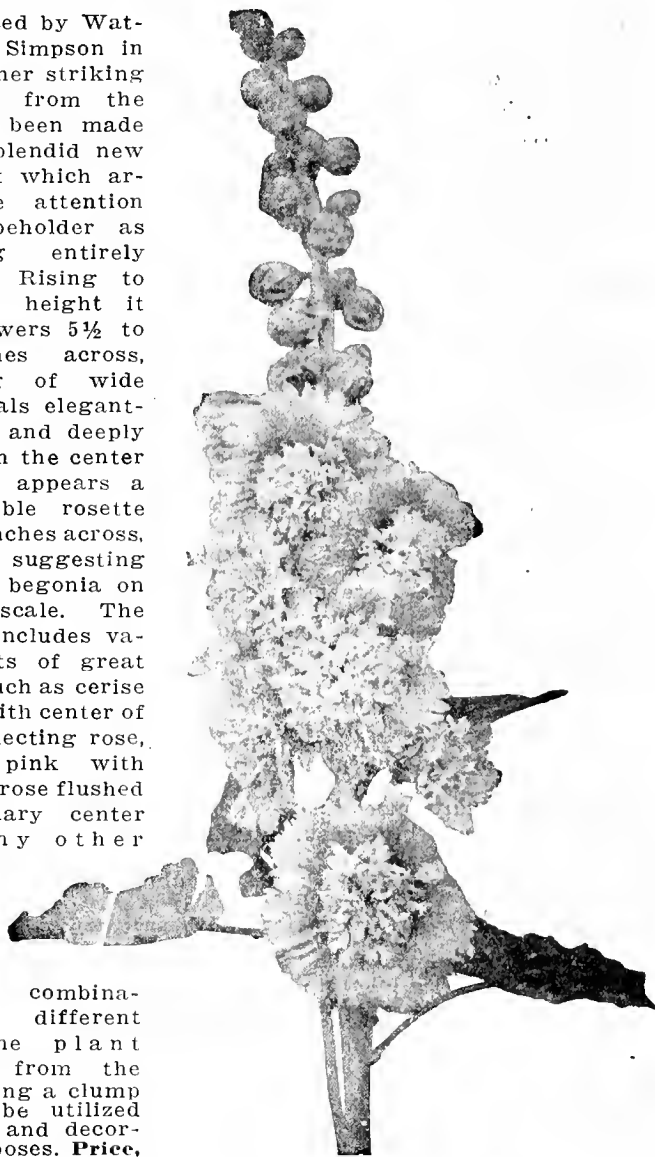
Enclosed find 60c for which please send me two dozen of your Giant Mixed Crocuses.

The Crabapple Tree you sent our Junior last spring has done nicely; it is a lovely little tree and I thank you so much. The Geraniums I ordered from you for my window boxes were the loveliest plants I ever saw. Sincerely,

MRS. A. M. M.

**HOLLYHOCKS****The New Double Hollyhock "Imperator"**

Introduced by Watkins and Simpson in 1928 another striking departure from the type has been made in this splendid new Hollyhock which arrests the attention of the beholder as something entirely original. Rising to a stately height it bears flowers 5½ to 6½ inches across, consisting of wide outer petals elegantly frilled and deeply fringed, in the center of which appears a very double rosette about 2 inches across, the whole suggesting a crested begonia on a giant scale. The coloring includes various tints of great beauty, such as cerise salmon with center of cream reflecting rose, delicate pink with center of rose flushed with canary center and many other

**Hollyhock—Imperator**

charming combinations of different tints. The plant branches from the base forming a clump and can be utilized for vases and decorative purposes. Price, each, 45c; doz., \$4.50.

**STANDARD VARIETIES**

Never before have we had such fine plants to offer in this most beautiful of the tall growing perennials. The variety we offer produces colossal spikes of blooms in the very choicest of colors, which last until hard frost cuts them down. Used as individuals well back in the hardy border or dotted here and there amongst a bed of hardy shrubs which they brighten with their brilliant spikes of gorgeous color, or as a hedge at the rear of a bed of hardy perennials they cannot be surpassed.

The strain we offer must be seen to be appreciated, for the flowers are not only exceptionally large but the petals seem as if made of the finest China silk. Give them a well fertilized soil with well rotted manure deeply spaded, sufficient drainage together with plentiful supplies of water during the growing season, and success is assured in any location.

All plants come with a ball of earth from 4-inch pots and are good, strong stock that will give excellent results. All have gone into the winter in excellent shape. We can supply the following colors:

**WHITE  
DEEP ROSE  
CRIMSON  
MAROON**

**BLOOD RED  
SALMON  
YELLOW  
PINK**

From 4-inch pots, each, 35c; doz., \$3.50.

**LATHYRUS—Everlasting Sweet Pea**

This is a hardy perennial vine, growing to a height of about 3 to 4 feet, and after it once becomes established makes a thick screen or hedge if given support. They are very free bloomers, bearing flowers much resembling Sweet Peas, hence the name—"EVERLASTING SWEET PEA." Of very easy culture, and will succeed anywhere. In colors of red, white and pink. These plants which should bloom this season are all strong bushy stock and are well worth the money. Each, one-year-old plants, 30c.

**LYSIMACHIA—(Loose Strife)**

(Creeping Jenny or Moneywort)

A well known evergreen trailer bearing yellow flowers from June to August. Used for planting spots under trees, etc., where grass will not grow. Thrives anywhere, and is very hardy. Each, 30c; doz., \$2.75.

## IRIS—Fleur-de-Lys



Our Iris must not be confused with previous old standard types. The newer varieties are more fragrant, richer in color and of a more distinct form, in fact, in no other plant of modern times has there been such a tremendous improvement. All the varieties listed require a sunny, dry location and all the care they require is frequent cultivation to keep out the weeds.

In the descriptions that follow "S" indicates the "Standard" or upper petals and "F" the "Falls" or lower petals.

Plant in the fall to obtain best results.

## OUR ARISTOCRAT IRIS COLLECTION

**Morning Splendor**—A very large deep claret red of wonderful form and substance. Each, \$1.50.

**Gold Imperial**—Chrome yellow with orange beard. This new Iris has a rare finish of texture and form. Each, \$1.25.

**Taj Mahal**—A wonderful white Iris having a smooth, lustrous texture. Flowers are very shapely and large and of firm substance. Each, \$1.25.

All Three for \$3.50

**Lord of June**—(S) Light lavender blue. (F) Deep lavender blue reticulated brown at base. Tall plant with very large blooms. Each, 75c.

**Ambassadeur**—One of the very finest and most showy of Irises on the market. The plant is tall, well branched, and very robust grower, producing flowers of exceptional substance. The "Standards" are lavender and the "Falls" deep red violet with a rich orange beard. Ambassadeur and Mother of Pearl are the two outstanding Irises of today. Each, 75c.

**Mother of Pearl**—Standards and Falls pale bluish lavender, with a faint creamy undertone. Large flowers of perfect form and exceptional substance. The creamy undertone often assumes the luster and iridescence which we see in the beautiful lining of many sea shells which produce Mother of Pearl. The plant is tall, a vigorous grower, and a profuse bloomer. Each, 50c.

**Marsh Marigold**—A good Iris which blooms in midseason. (S) Good deep yellow. (F) Reddish-purple with a yellow border to match Standards. Each, \$1.00.

**Dalila**—A most excellent variety. (S) White, slightly tinted with lilac. (F) Rich violet red with some white and brown veins at base. Orange beard. Each, 50c.

**Prospero**—A very good tall Iris, blooming in midseason. (S) Pale lavender. (F) Rich deep violet purple, slightly lighter at margin. Each, \$1.00.

**Madame Gaudichau**—A rich deep velvety purple Iris of fine shape and finish. Tall, early, and very distinct. One of the most striking and remarkable of all. Each, \$1.50.

**Phyllis Bliss**—A good pale rose lavender. Blooms in midseason. Each, \$1.00.

**Paula Cyanea—Dwarf Iris**—Rich dark purple. Does not grow over a foot high. Very prolific bloomer. Fine for rock gardens. Each, 25c.

**Madame Chereau**—(S & F) White. The glory of this wonderful Iris lies in its ruffled edge of turquoise blue. The base of the petals has a waxy snow crystal appearance, which makes it very attractive and decorative. Excellent for cut flowers as its blossoms are borne on long slender stems. An introduction from Southern France. Each, 50c.

## COLLECTION NO. 1

**Queen of May**—This is the Queen of the Iris. It is beautiful beyond description. (S & F) a light lilac pink. This variety is the nearest to pink in Iris.

**Black Prince**—(Koehi)—(S) Purple lilac; (F) Rich velvety black.

**Prosper Laugier**—(S) Light bronze-red. (F) Velvety ruby purple with white beard. Yellow tipped. Very handsome. Vigorous grower.

**Florentina Alba**—(S & F) Creamy white flushed with lavender. Very fragrant.

**Iris King**—(S) Orange to copper yellow. (F) Cherry red shading to maroon with narrow yellow edge. Yellow beard with yellow stripes at base of petals. Attracts the attention of every visitor to the gardens. A very brilliant large flower on 24-inch stems.

**Plumeri**—(S) Coppery rose. (F) Velvety claret. Tall.

**Purple Queen**—(S & F) Large deep purple. Very early.

**Gypsy Queen**—(S) Old gold shaded with pearl. (F) Black maroon, reticulated with light yellow. Late, 24 inches.

**Walhalla**—(S) Lavender. (F) Violet purple. An early strong grower and free bloomer.

**Cordelia**—(S) Rosy lilac. (F) Rich crimson purple. A very handsome late flowering variety. One of the best.

Any of the above, each, 30c. The whole Collection of 10, \$2.50.

## COLLECTION NO. 2

**Her Majesty**—(S) Lovely rose-pink. (F) Bright crimson tinted with a brighter shade. A most beautiful variety.

**Quaker Lady**—(S) Smoky lavender with yellow shadings. (F) Ageratum blue and old gold.

**Rhein Nixe**—(S) White. (F) Violet blue with white edge. Tall and large, strong grower, very fine.

**Lorelei**—(S) Lemon yellow. (F) Ultramarine, blue bordered cream, a profuse bloomer that shows off to perfection in the sun's brightest hours.

**Flavescens**—A delicate shade of soft yellow. A vigorous type.

**Monsignor**—(S) Bluish lavender. (F) Violet with white pencilings at throat. Flowers of immense size and great substance.

**Gertrude**—Deep violet blue. Very fragrant.

Any of the above, each, 30c.

The whole collection—seven different varieties, \$1.75.

## HARDY LILIES

Hardy Lilies are becoming quite popular and are being extensively used for planting in solid beds or as groups.

**Hemerocallis—Flava**—(Lemon Day Lily)—Sweet scented, clear full yellow, 2½ inches. Flowers in June. Strong young plants, each, 35c. Large field grown clumps, each, \$1.00.

**Tiger Lily**—Very large flowers, orange and black. Very floriferous, perfectly hardy, and should be in every garden. Each, 30c; doz., \$2.75.

**L. Candidum**—Madonna, St. Joseph's or Annunciation Lily. Large white, fragrant and perfectly hardy. Each, 60c.

**L. Rubrum**—Rosy pink with Amaranth spots and reflected petals. Each, 50c.

**L. Auratum**—Golden banded Japanese Lily. Each, 50c; doz., \$5.00.

**Easter Lily**—Has proved hardy, with protection, in our garden. Each, 35c.

The Rubrum, Auratum and Easter Lilies should be given some protection during winter. A covering of leaves or a layer of clean straw will suffice.

**Lilium Regale**—A magnificent Lily from China, vigorous, 3 to 5 feet high, bearing one to several handsome white fragrant flowers; slightly shaded pink outside and the lower inner surface primrose-yellow. It is a hardy Lily and is one of the finest novelties offered in many years. It seems to thrive on any good, well-drained soil. The most popular hardy Lily in our country. Flowering size bulb, each, 60c. (See Color Plate.)

**Lily of the Valley**—Roots (pips) of this great favorite. Three for 35c; doz., \$1.25.



**LYTHRUM ROSEUM—(Loosestrife)**

A very pretty hardy perennial, growing from 2 to 3 feet high and bearing spikes of rosy-pink flowers in great profusion from July to September. Each, 30c.

**LYCHNIS**

**Lychnis—Arkwright**—A new introduction, 1 foot high, large orange, red, scarlet or crimson flowers about 2 inches across. Ideal for rock gardens. Each, 35c; doz., \$3.00.

**Lychnis Chalcedonica**—A fine old-fashioned flower bearing large heads of brilliantly colored flowers that give color to the hardy border during summer and autumn. Very hardy and a plant that should be more generally grown. Visitors to the Nursery this summer were attracted by its striking appearance. Three feet high. Each, 30c; doz., \$2.75. Large field grown clumps, each, \$1.00 and \$2.00.

**Lychnis Alba**—A beautiful pure white form of the above, and a splendid companion to it. Either variety—strong young plants, each, 30c; doz., \$2.75.

**NEPETA**

**Mussini**—An excellent plant for any position but especially good for edging and rockeries. It is of compact habit, forming dense tufts about twelve inches high with masses of light violet blue flowers. Each, 30c; doz., \$2.75.

**OLD MAN**

**Old Man or Southern Wood**—Dark green finely cut foliage with pleasant aromatic odor. Two feet high. Each, 35c.

**PENSTEMON**

The stock we list is Watkins & Simpson's Excelsior strain of world-wide reputation. As bedding plants they rank in importance with Petunias and the Phloxes. They grow from eighteen inches to two feet high, bearing ten to twelve-inch long spikes of gloxinia-like flowers throughout the summer and fall. The colors are pastel-like in appearance and come in a variety of shades that are exceptionally beautiful. Each, 50c; doz., \$5.00.

**Barbatus Torreyi**—Spikes 2 feet long of bright scarlet flowers. Very effective for the perennial border. Each, 30c; doz., \$2.75.

**MONARDA—(Bergamot)**

**Didyma Rosea—(Bee Balm)**—Showy plants growing 2-3 feet high. Rose colored flowers. Aromatic foliage. Each, 30c; doz., \$2.75.

**LIATRUS—Gay Feather**

**Pycnostachia**—A beautiful and odd plant, midsummer flowers showing a blaze of light rosy purple from the tip to base of each feathery stalk. A great attraction to butterflies. (See Color Plate.) Price, each, 30c; doz., \$2.75.

Y. W. C. A.,  
Saint Paul, Minnesota,  
January 21, 1931.  
State Nursery and Seed Co.,  
Helena, Montana.  
Dear Sirs:

I want to tell you how pleased I was with my seeds last year. It was so dry nothing could come up for many weeks but after we got rain every seed must have germinated. I had a wonderful crop of vegetables. In my flower garden, I never saw such large and beautiful bachelor buttons. I was so pleased with them.

Yours truly,  
ANNA SCHERLIE.

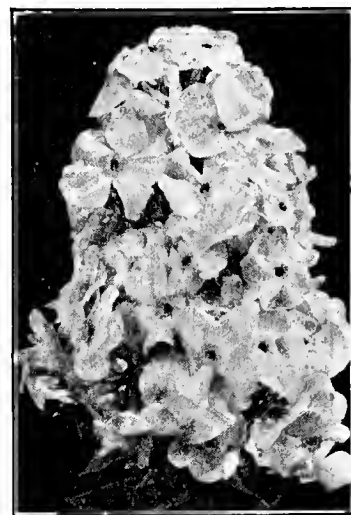


**Lychnis Chalcedonica (Ragged Robin or Jerusalem Cross)**

❖  
**SEE PAGE  
34  
FOR OUR  
HARDY  
ADAPTABLE  
ROCK  
GARDEN  
PLANTS**  
❖

**OUR HARDY PERENNIAL PHLOX**

Among all the hardy perennials there are none more showy than this class of flower. For years we have specialized in the new and improved types with the result we have today a collection that has no equal in the Northwest. Phloxes are indispensable subjects for the herbaceous border, producing a continuous display throughout the summer and autumn months. Once planted they last for years and can always be relied upon to give their full share of blossoms. As a general rule they may be kept undisturbed for three or four years, after which time the clumps should be divided and reset. Phloxes withstand heat and extremes of cold and all varieties do particularly well in all sections of the Northwest. For growth and vitality our Northern grown stock cannot be surpassed.



**Phlox—Thor**

**Africa**—Brilliant carmine red with blood red eye. One of the best new dark red varieties grown.

**Beacon**—An outstanding variety. Excellent size and habit. Color an unmixed ripe cherry red.

**B. Comte**—Brilliant, rich and highly pleasing to the eye. French purple, amaranth red, or wine color.

**Bridesmaid**—A pure white with large crimson-carmine eye. A beauty.

**Elizabeth Campbell**—The peer of all pink Phlox. Soft rose pink with lighter shadings and with a dark rose colored eye. The individual florets are immense in size with extra large trusses—very handsome and attractive. A scarce and much sought after variety.

**Ethel Pritchard**—A beautiful rose mauve and one of the extra fine new sorts.

**Firebrand**—One of the newest varieties. Very bright red with deeper center. Trusses large. Very strong and robust habit. One of the best.

**Jules Sandeau**—A magnificent variety, of moderate height. Flowers are extremely large and are a soft lilac pink color.

**J. G. Von Lassburg**—Splendid pure white, very free bloomer and medium early. The purest and largest white on the market.

**Milly—(Miss Milly Van Hoboken)**—A gem with immense trusses of large flowers. Color a good bright pink with soft mauve suffusion. (See Color Plate.)

**Miss Lingard**—One of the easiest to grow and still one of the very best whites on the market. The flowers are borne in large trusses which resemble the large flower heads of *Hydrangea paniculata*. Splendid foliage and habit—blooms two weeks ahead of other varieties. Exceptionally good for cut flowers.

**Thor**—A splendid grower, never giving trouble, always full of bloom. It is one of the best of the salmon pink sorts.

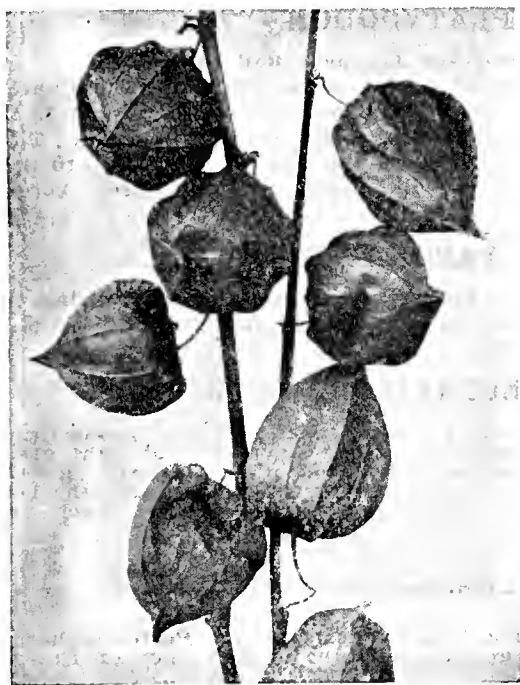
**R. P. Struthers**—Bright rosy-carmine, with claret-red eye.

**Rheinlander**—One of the newer varieties of great beauty. A rare shade of salmon pink intensified by a distinct claret-red eye. Flowers and truss of unusual size.

**Von Hindenburg**—This is a comparatively new variety and is already a great favorite. Creates a great many spikes and grows from 24 to 30 inches high. Its color is a brilliant deep crimson red with slightly darker eye.

Any one of the above varieties, each, 30c; doz., \$2.75. We have most of the varieties in large three-year-old clumps from the open field, each, \$2.50.

**Phlox Subulata**—Often called **Mountain Pinks**—An early flowering type with pretty moss-like evergreen foliage, which during the flowering season in May and June is hidden under the masses of bloom. Unexcelled for the rockery and for border purposes. Each, 35c; doz., \$3.00.



Chinese Lantern

PHYSALIS—Chinese Lantern Plant

Francheti—An ornamental variety of the Winter Cherry, forming dense bushes about two feet high, producing freely its bright orange-scarlet lantern-like fruits, which can be cut and dried. Used extensively for floral decoration during the winter months. Each, 30c; doz., \$2.75.

PHYSOSTEGIA—False Dragon—Virginia Heather

One of the most beautiful of the Hardy Perennials, forming dense clumps four or five feet high, with long spikes of tubular pink flowers like a gigantic Heather and very valuable for cut flowers. Fine for cool situation, very useful for borders. Each, 30c; doz., \$2.75.

HARDY PINKS—(See Page 27)



Pyrethrum—(See Color Plate)

ORIENTAL POPPIES

These really wonderful Perennial Poppies with their rich and gorgeous coloring stand out during their flowering season pre-eminently above all other flowers. Their large blooms—perhaps the largest of any of the hardy perennials—with their brilliant colors will attract the attention of any flower lover at a great distance. They are of the easiest culture, almost any kind of good soil suits them, though they prefer a rich deep loam. Give them water freely—especially during the flowering period.

Princess Victoria Louise—Salmon pink.

Goliath—A large flowered bright scarlet of strong growth.

Strong young plants, each, 30c; doz., \$2.75. Large field grown clumps are available for early spring planting or in the fall. Each, \$1.00 and \$2.00.

ICELAND POPPIES—Papaver Nudicaule

One of the very first of hardy perennials to bloom in the spring and to continue a mass of bloom for months. Our Sunbeam varieties always attract the attention of visitors.

New Sunbeam Varieties—This particular strain is a great improvement on the older varieties. They are the very first flowers to show their bright and rich colors in the spring and continue in bloom for months. The colors are a rich, deep orange, lemon and white. Fine for cut flowers. Each, 30c; doz., \$2.75.



Oriental Poppy—(Papaver Orientale)



Clove Pinks (See Page 27)



Bird Bath Surrounded with Iris

PYRETHRUM

Too much cannot be said about this superb perennial, which will thrive under almost any conditions. Splendid for cutting, lasting a week in good condition.

Pyrethrum Uliginosum—(Giant Daisy)—This hardy perennial grows from 3 to 4 feet high and produces in great profusion large daisy-like flowers. Very showy and fine for cutting. Strong plants, each, 30c; per doz., \$2.75.

Hybridum Mixed (Single)—In the choicest shades of red and pink. June flowering. Strong young plants, each, 30c; large field grown clumps, each, \$1.00 and \$2.00.

OUR LITTLE PRUNING BOOK

Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc. Each, postpaid, 30c.

All prices on trees, shrubs and plants include delivery to your nearest express station and postoffice.

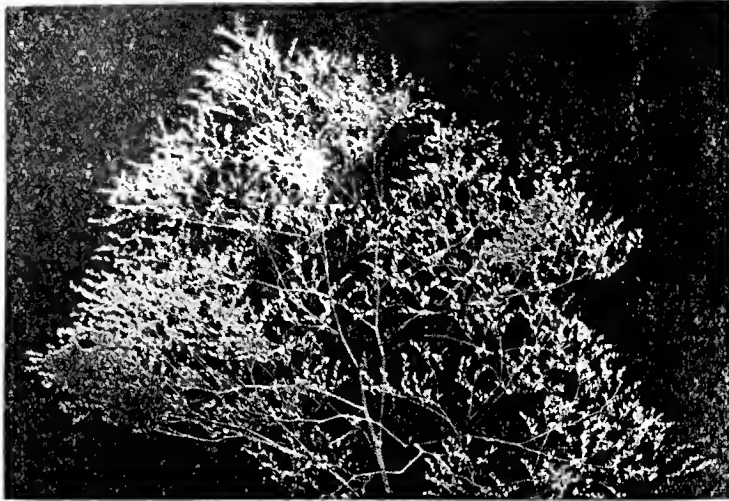
OUR PEERLESS PERENNIAL COLLECTION

8 Plants our selection .....\$1.85

12 Plants our collection ..... 2.50

POSTPAID to Your Nearest Postoffice

WE PAY DELIVERY CHARGES ON OUR PLANTS



Statice—Great Sea Lavender

**PLATYCODON****Balloon Flower—or Japanese Bell Flower**

The Platycodons are closely allied to the Campanula or Canterbury Bells. They form neat branched bushes of upright habit, growing about eighteen to twenty-four inches in height. They bear blue or white flowers in great profusion from July to September or October. A splendid plant for the hardy border. Each, 30c.

**SAPONARIA**

**Ocymoides**—A very pretty border and rockery plant. During the summer months it produces a mass of small bright rosy pink flowers. Price, each, 30c.

**SEDUM SPECTABILE—Live For Ever**

One of the prettiest erect growing species of the "Stone Crop" family. It attains a height of 18 inches with broad light green foliage, and bears immense showy heads of rose-colored flowers. One of the best plants to stand dry weather. Fine for the border garden and especially useful for cemetery work. Each, 30c.

**RUDBECKIA—Golden Glow**

**Golden Glow**—Is too well known to need a lengthy description. Perfectly hardy, and will succeed anywhere. Its rich golden yellow colored spikes of flowers reach a height of 4 feet. Each, 30c.

**PRIMULA—Hardy Primrose**

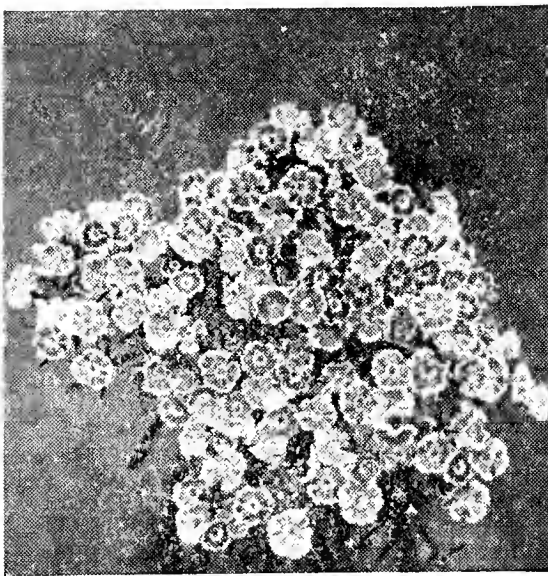
**Auricula Alpina**—One of the treasures of the rock garden. Attractive growth, rosette of thick leaves. Flower stalks rise to a height of 6 to 8 inches bearing heads of bloom of various colors. Large strong plants, each, 50c.

**Primula Polyanthus—(Bunch Primrose)**—Indispensable for the flower bed and rock garden. Bears flower stems a foot high under partly shaded conditions with good rich soil. Each, 50c.

**Primula Polyanthus Veris Hybrids**—With colors ranging from lilac purple and violet to buff orange and red. Strong 3 and 4-inch stock, each, 35c.

**STATICE—Great Sea Lavender—Limonium**

**S. Latifolium**—A noble plant for the hardy border. Produces clumps of leather-like leaves, with heads of bloom which frequently measure 24 inches across, covered with small flowers and lasting until frost. The flower sprays when cut and allowed to dry will keep in almost their fresh cut appearance for months. We cannot recommend this valuable hardy perennial too highly, not only for its appearance in the hardy border, but also for the wonderful keeping and decorative qualities when cut and dried. Each, 30c; field grown clumps, \$1.00 and \$2.00.



The New "Sweet Wivelsfield"

**SHASTA DAISY**—See Chrysanthemum Maximum—Page 26

**SCABIOSA**

**Caucasica**—One of the handsomest of the hardy perennials, bearing on long wiry stems beautiful artistic lavender blue flowers. A fine cut flower, 18 to 24 inches. Each, 30c; per doz., \$2.75.

**Blue Bonnet**—Dwarf compact perennial variety of this ever-popular flower. Price, each, 30c.

**SWEET WIVELSFIELD**

**Dianthus Allwoodii**—Crossed with Sweet William (Dianthus Barbatus). Few plants can compare with it for wealth of color and length of flowering season. It is distinct in habit and freedom of growth. Wonderfully colored flowers in trusses and perpetual flowering. Flowers cut for exhibition have been fresh at the end of a week's show. Hardy perennial. Plants, each, 25c; doz., \$2.50.

**SWEET WILLIAM**—See Dianthus—Page 26

**TROLLIUS—Globe Flower—Giant Buttercup**

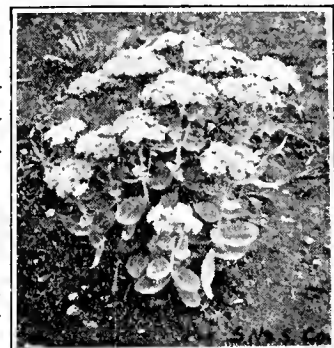
**Mixed Hybrids**—Desirable free flowering plants. Colors ranging from pale yellow to a deep orange. Succeed well in a half shady location and they are wonderful for cut flowers and a gem for the rockery. Mixed colors only, 50c each.

**STOKESIA—Cornflower Aster**

**Cyanca**—A beautiful hardy plant, bearing freely all summer handsome light blue blossoms of immense size. The plants are of very easy culture and an excellent border or rockery plant. Price, each, 30c; doz., \$2.75.



Platycodon



Sedum Spectabile

IN COMPARING PRICES REMEMBER OUR PRICES ARE PREPAID





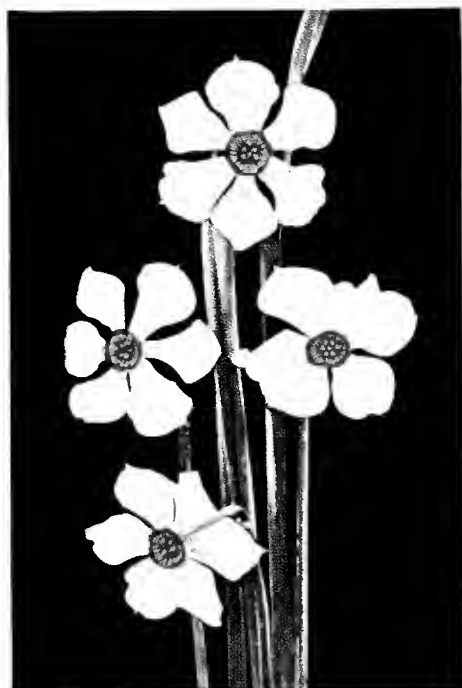
PRINCESS ELIZABETH



INGLEScombe YELLOW



BARONNE DE LA TONNAYE



NARCISSUS "POETICUS"



CROCUS



DOUBLE NARCISSUS "VON SION"



HYACINTHS



SNOWDROPS

Send for our Fall Bulb Catalog which is issued September 1st in which these and many other adaptable Spring Flowering Bulbs are listed and described. These bulbs are available only in the Fall and should be planted during the months of September and October.



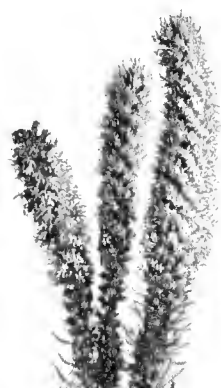
Our Rocky Mountain Lawn Grass Seed Mixture is the best Lawn Seed that money can buy. It has proved its worth in the Northwest and the demand for it becomes greater each year. Look in Index for Lawn Grass.



ORIENTAL POPPIES (Hardy Perennial)



PHLOX MILLY VON HOBOKEN (Hardy Perennial)



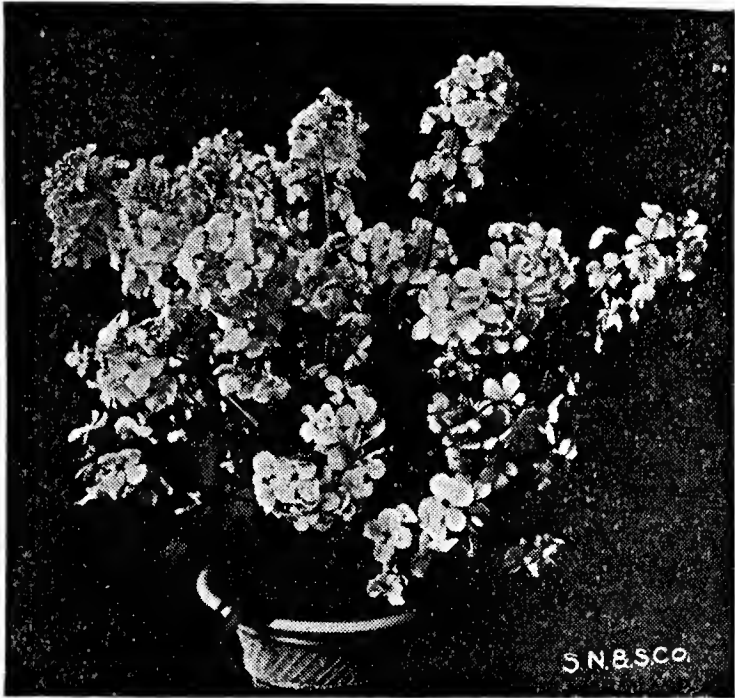
LIATRIS (Hardy Perennial)



GAILLARDIA (Hardy Perennial)



SHASTA DAISY (Hardy Perennial)



Sweet Rocket—(Hesperis)

SWEET RCKET—Hesperis

A perennial that will succeed in any location, producing large spikes of blossoms varying from white to lilac. The plant is of a bushy nature and grows from 3 to 4 feet high, producing flowers very suitable for cutting. Price, each, 25c; per dozen, \$2.25.

SALVIA—(Blue)

Azurea—Rocky Mountain Species. A fine hardy perennial averaging 3 to 4 feet in height under normal growing conditions. Produces late in the summer pretty spikes of sky-blue flowers in great profusion. Each, 30c; doz., \$2.75. Strong field grown clumps, \$1.00 and \$2.00 each.

THALICTRUM DIPTEROCARPUM—Meadow Rue

This beautiful hardy plant is too little known. It is a real gem for the hardy border, and its graceful sprays of violet flowers, brightened with a bunch of yellow stamens, are invaluable for cutting. 4 feet, each, 50c. Field clumps, \$2.00 each.



Tritoma—Red Hot Poker

TRITOMA

Red Hot Poker  
or Torch Lily

(See Color Plate)

A very handsome and showy border plant with rush-like foliage producing single fiery cones at the tops of thick smooth stems, a yard or more in length. The blossoms are unique in shape, the lower petals being tinged with orange, ultimately becoming a brilliant flame red at the top. Flowering season July to September. Must be carefully protected, or lifted and carried dormant in dry sand or earth during winter. Each, 50c.

VALERIANA OFFICINALIS

Hardy Garden Heliotrope

A fine hardy plant, with very showy heads of bright rose flowers, produced in great numbers on stems about three feet high, heliotrope scented. A constant bloomer until frost. Each, 30c. Field grown clumps, \$1.00 and \$2.00.

VERONICA SPICATA

This well known "Speedwell" is one of the best of the genus, bearing long spikes of blue flowers from July until the early frosts. One to two feet. Strong young plants, each, 30c; per doz., \$2.75. Large field clumps, each, \$1.00 and \$2.00.

VINCA—Periwinkle

V. Minor—Also known as Trailing Myrtle. This pretty Evergreen is extensively used for covering graves, producing in the spring an abundance of blue flowers. Each, 45c.

VIOLA—Jersey Gem—(See Color Plate)

One of the most valuable violas yet introduced. The plants are of compact sturdy growth, bearing pure violet flowers, without shadings on good stems, thus making it a splendid subject for cutting as well as a good border plant. Will succeed in any good garden soil in a sunny location and will bloom from early spring to the end of the season. Each, 50c; three for \$1.25.

VIOLET

Princess of Wales—A remarkably hardy and fine variety. The flowers are very large and borne on long stems, a very profuse bloomer and very fragrant. Fine for the rockery and that rather shady location. Each, 35c.

VARIEGATED GRASS—Eulalia

A very handsome, hardy, variegated grass which gives a touch of color to any hardy border. Its green and white striped foliage blends well with either hardy shrubs or perennials. This plant is also especially useful for hedge purposes. Each, 30c; per doz., \$2.75.

WATER LILIES

We offer you the most adaptable varieties for Northwest conditions for your lily pool.

M. Albida—A large sparkling white variety, vigorous grower. Each, \$1.25.

Odorota—A fine gigantic white Lily. Each, \$1.25.

Tuberosa Richardsonii—Flowers large and double, white, fragrant. Each, \$1.25.

Cape Cod Pink—A fine pink Lily. Each, \$1.25.

M. Chromatella—A charming canary yellow variety. Each, \$2.00.

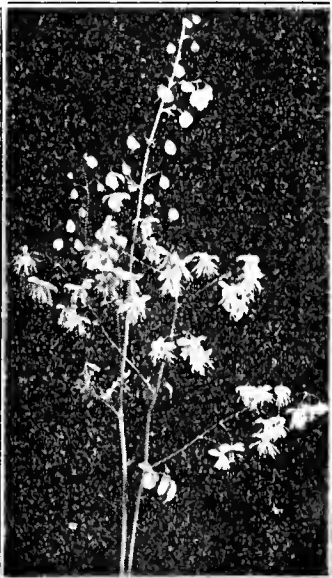
Gloriosa—A fine red variety of extreme merit. Each, \$3.50.

Tuberosa Rosea—An excellent pink sort. Each, \$2.00.

You will be interested to know that our seed testing grounds are becoming known abroad. The past three seasons prominent growers in Denmark, Holland, Germany, France, England, Japan, and from all over the United States sent samples of their specialties for us to test.



Water Lily—M. Albida



Thalictrum—Meadow Rue



# HARDY ROCK GARDEN PLANTS

## ROCK GARDENS—A POPULAR VOGUE IN GARDENING

### How to Make a Rock Garden

Increased interest has centered on this most interesting culture of Rock and Alpine Plants.

There is a place even on the smallest lot in which a rock garden may be tucked away in a beautiful setting. The combinations of rocks and plants which may be used loom up in a seemingly endless manner. It brings one closer to nature for it is nature that we try to imitate as nearly as possible in constructing a rockery.

#### SITE OR LOCATION

The rock garden should be constructed in a spot that is subject to full light and to good aeration. Any natural slope in the ground can also be used to good advantage. Take advantage of any natural outcropping of rock on your grounds.

#### ROCKS

Rocks will usually be gathered from the nearest and most easily accessible source. Weather-worn rocks produce a pretty and natural effect and on rather sharp sloping ledges the use of porous and water-holding rocks is much in order because it is in these positions that the conservation of moisture is a large factor. Go to both extremes in choosing rock sizes as too many rocks of either a large or small size tend to make the effect unnatural.

#### SOIL

A good well drained garden loam is fine for a majority of rock garden plants, a soil made up of one-half loam as free from clay as possible, one-quarter leaf mold and one-quarter sand, is ideal.

#### CONSTRUCTION

The soil should be thoroughly prepared first and then the existing grades and the desired contours should be laid out in proportion. The bottom rocks should be placed first and there should be more plant surface than there are rocks in the finished effect. Anchor the rocks firmly by thorough tamping. Arrange rocks on slopes so that as much erosion by water is checked as possible and so that there will be plenty of light and air for plants that are planted on a slope.

#### PLANTING

The best time to plant is in the Spring, although many of the hardy rock plants can be transplanted equally as successfully in the Fall under our Montana conditions. If you are in doubt as to which plants to use for Fall planting just drop us a line and we shall be glad to advise you. Any of the plants may be set out in the Spring.

#### ADVANTAGE OF OUR EXPERIENCE IN MONTANA AND NORTHWEST

We are ready to help you at any time with your rock garden ventures and with rock garden plants as well as our other Nursery stock. Our long experience of growing and selection under conditions found in Montana and the Northwest gives you something no other firm can offer you. Following is a list of rock garden plants which are adaptable to conditions in Montana and the Northwest and for complete description of most of these turn back through the Perennial section of this Yearbook to the pages indicated.

### OUR SPECIAL COLLECTION OF ROCK GARDEN PLANTS

18 Different Varieties

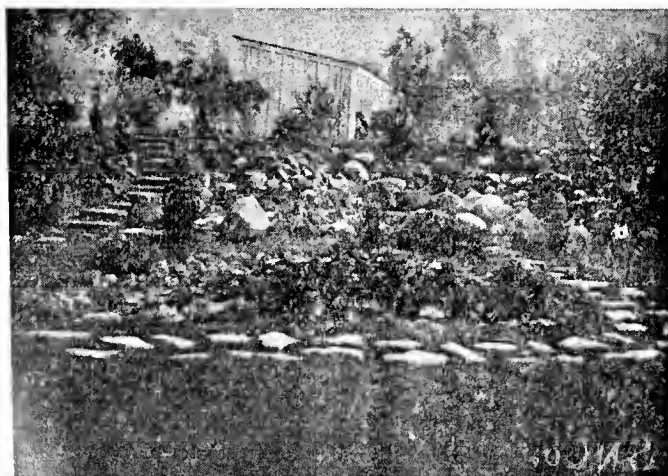
All Named—Our Selection

Delivery Charges Prepaid

\$3.75

Name	Description See Page	Price Each	Price Doz.
Arabis Alpina—Rock Cress .....	25	30c	\$2.75
Alyssum Saxatile—Gold Tuft .....	25	30c	2.75
Armeria Formosa—Sea Pink .....	25	30c	2.75
Aubretia—Rainbow Rock Cress.....	26	30c	2.75
Cerastium-Tomentosum—Snow in Summer .....	26	30c	2.75
Edelweiss-Alpinum—A very popular alpine and rockery plant. Dainty white leaves and small yellow flowers which are enveloped by star-like heads of leaves.....	.....	50c	5.00
Cherianthus—Siberian Wallflower.....	26	30c	2.75
Dianthus—Cheddar Pink .....	27	30c	2.75
Dianthus—Red Montana .....	27	50c	5.00
Dianthus—Hardy Grenadine .....	27	30c	2.75
Dianthus Plumarius—Clove Pinks.....	27	30c	2.75
Dianthus—Highland Queen .....	27	30c	2.75

Name	Description See Page	Price Each	Price Doz.
Iris Pumila Cyanea—Dwarf .....	29	25c	2.50
Lysimachia—Creeping Jenny .....	28	30c	2.75
Delphinium—Chinense—Blue Butterfly—Improved .....	27	30c	2.75
Geum—Mrs. Bradshaw .....	28	30c	2.75
Geum—Lady Stratheden .....	28	30c	2.75
Helianthemum—Rock Rose .....	28	30c	2.75
Heuchera—Coral Bells .....	28	30c	2.75
Iberis Sempervirens .....	28	30c	2.75
Iceland Poppy .....	31	30c	2.75
Lily of the Valley .....	29	3 for 35c	1.25
Myosotis, P. Semper Florens—A wonderful Forget-Me-Not type for the rockery. Large rich blue flowers, with yellow eye, profuse bloomer .....	.....	30c	2.75
Nepeta-Mussini .....	30	30c	2.75
Platycodon—Balloon Flower .....	32	30c	2.75
Phlox—Subulata .....	30	35c	3.00
Phlox—Coerulea—Blue Flowers .....	.....	35c	3.00
Plumbago-Larpenae—This is one of the most desirable border and rockery plants. A dwarf spreading grower covered with a mass of deep blue flowers during late summer and fall just when this color is usually lacking from the garden .....	.....	35c	3.00
Primula-Auricula .....	32	30c	2.75
Primula-Polyanthus .....	32	30c	2.75
Stokesia-Cyanea .....	32	30c	2.75
Trollius .....	32	30c	2.75
Veronica-Spicata .....	33	30c	2.75
Viola .....	33	50c	3 for 1.25



A Newly Laid Out Rock Garden  
With Most Shrubs and Evergreens Planted

#### NATIVE PRICKLY PEAR CACTUS

(See Front Cover)

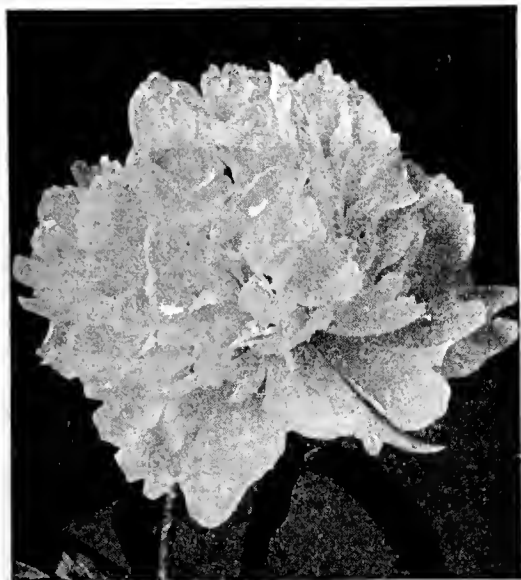
**Opuntia Humifusa**  
—A hardy native plant and from which the valley surrounding Helena was named. Very popular for the rockery. Requires very little water. The flowers are large and delicately beautiful and are either a bright yellow or a soft rosy pink. Price, each plant, 45c.



The Same View a Year Later. Planted with Our  
Hardy Evergreens, Shrubs and Perennials

# OUR HARDY ROCKY MOUNTAIN PEONIES

GROWN AND SELECTED AT THE FOOT OF THE ROCKY MOUNTAINS



Peony—Festiva Maxima

The Peony bears the first big flower crop of the summer and its lavish display of bloom and complete hardiness make it one of the most popular flowers.

During our forty-two years in Montana we have selected a most adaptable stock of these popular plants and growing in our Nursery at the foot of the great Continental Divide, as they are, we offer you roots of the utmost hardiness, strength and vitality.

Today Peonies are in the front rank of popularity where they justly deserve to be, for they make a gorgeous display whether in landscape, flower bed, border or garden. By selecting a comprehensive assortment to include colors, types, fragrance and seasons, the greatest enjoyment is possible.

## CULTURE

Peonies may be planted either in the Fall or Spring, but Fall planting has many advantages, the chief being that blooms usually follow the next Spring. Dig the soil deeply and dress with well rotted manure. Bone meal is also good to work into the soil. Never allow manure at planting time to come in contact with the roots as it frequently causes club root and sickly plants that fail to bloom. When planting, cover the eyes or new buds to a depth of not more than three inches. Too deep planting causes poor growth and prevents blooming. Their chief requirements are good rich soil and a sunny position though the latter is not absolutely essential, for they thrive well in partly shaded locations. They must be given a liberal supply of water during the growing season in order to produce an abundance of large-sized blossoms of extreme beauty, and producing an effect not surpassed by any other flower.

## PEONY OFFICINALIS

This is the old-fashioned Peony and comes into bloom from ten days to two weeks ahead of the other varieties. All are strong growers, with full fragrant flowers.

**Officinalis Rosea**—Double rose.

**Officinalis Rubra**—Double blood red.

**Officinalis Mutabilis**—Pink changing to white. Each, \$1.00 and \$2.00.

## OUR "MONTANA" PEONY COLLECTION

ONE RED  
ONE PINK  
ONE WHITE  
ALL NAMED VARIETIES  
OF MERIT  
\$2.00 Postpaid



More of Our Peony Bluebloods

**Asa Gray**—Large, compact flower of semi-rose type. Pale lilac sprinkled with darker lilac dots. Very distinct and beautiful. Very fragrant, medium height. Each, \$1.25.

**Baron Rothschild**—Deep rose, mid-season. Long stem. Each, 85c and \$1.25.

**Duchess De Nemours**—Crown type, early. Blooms several days after Festiva Max. Superb, cup-shaped, sulphur-white flowers with greenish reflex that lights up the entire flower. There is nothing so exquisitely chaste and beautiful as this variety in the half open bud state. Each, 60c.

**Edulis Superba**—One of the early varieties, dark rose pink with center petals of a light shade. One of the very best on the market. Each, 75c, \$1.00, \$1.75.

**Eugene Verdier**—Pink, very full flower. Each, 85c, \$1.25 and \$2.00.

**Felix Crousse**—One of the largest and most beautiful reds, a great favorite. Each, \$1.25 and \$2.25.

**Festiva Maxima**—One of the largest and most floriferous whites—center petals tipped with carmine. Each, \$1 and \$2.

**Humelii**—A beauty—Cherry pink and slightly tipped with silver. Each, 85c and \$1.25.

**Lady Bramwell**—An early variety, color delicate silvery rose with light pink center. Petals tipped creamy white. Large full fragrant flowers of good form. One of the finest cut flower varieties. Each, 75c.

**Longfellow**—A bright crimson with a cherry tone. Perhaps the most brilliant of all the red Peonies. A circle of golden stamens surround the central mass of petals, while the outer petals are slightly reflexed. Its erect habit, vivid color and long season give it rare value for any garden purpose. Each, \$2.75.

**Lord Kitchener**—Rose type; very early. A most beautiful flower, well filled out; of a brilliant cherry red color, a most dazzling hue; very free blooming, lasting. Each, \$1.50.

OUR  
"FORT HARRISON"  
COLLECTION  
Five Named Peonies  
All Different Varieties  
Our Selection  
\$3.95

ANY  
COLLECTION  
TO VALUE OF  
\$10.00  
\$9.00

**Mons Jules Elie**—Bomb type, early. The king of all Peonies, and without question is M. Crousse's masterpiece. Very full flowers. Color an ideal glossy lilac-pink, shading to deeper rose at the base, the entire flower overlaid with a sheen of silver that fairly shimmers in the sunlight, claimed by many as the largest of all Peonies—when cut in the bud an excellent keeper, thus fine for cut flowers. Each, \$1.25.

**Gloire de Tournai**—A beautiful velvet red sort, shaded purple, having very double flowers of large size. Each, \$1.25.

**Queen Victoria**—Very early; opens up bluish pink, ultimately turning white. Each, 75c, \$1.00, \$1.75.

**Madame Emile Lemoine**—Semi-rose type; mid-season. M. Lemoine thought enough of this Peony to honor it with his wife's name. Enormous buds opening into extra large imbricated round flowers that completely hide the bush, each petal overlapping the other, giving the whole flower a very unusually distinctive glossy white, overlaid with a sheet of tender satiny pink, covered with minute lilac dots—when fully blown, pure white. Each, 85c.

**Marie Crousse**—Bomb type; mid-season. An enormous very full globular flower on long strong stems; color soft salmon pink, shaded a glossy satiny lilac—an exquisite variety. Each, \$2.50.

**Richard Carvel**—Very early deep red; an immense globular bomb; tall, very profuse bloomer, fragrant and beautiful. The very best of all early dark reds. Each, \$3.50.

**Rosen Magna**—Dark pink, lilac center. Each, 85c, \$1.25 and \$2.25.

**Rubra Triumphans**—A semi-double type; very early with large loose very dark crimson blooms. Each, 75c.

**Sarah Bernhardt**—Semi-rose type; late mid-season. Without exception the strongest growing of all Peonies. Flowers of remarkable size and freshness in huge clusters, full and double and of perfect form. Large petals that are imbricated and twisted. Color apple-blossom pink with each petal silver tipped. A fragrant and magnificent flower without a fault. Each, \$1.35.

**Therese**—A very large pink Peony of perfect shape which is usually considered the best pink Peony in the world—rose type. This Peony was originated by M. Dessert, possibly the greatest Peony originator in the world. Each, \$3.00.

REMEMBER OUR PRICES INCLUDE DELIVERY

All prices on trees, shrubs and plants (except Evergreens) include delivery to your nearest express station.

## DEPARTMENT OF

# HARDY TREES, SHRUBS AND VINES

**OUR LITTLE PRUNING BOOK**  
Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc. Each, postpaid, 30c.

Our forty-two years in the Northwest has given us ample opportunity to study this particular division of our business. The shrubs, trees, vines, etc., listed are those which after trial have been found worthy because of their hardiness and utility in the garden.

Hardy deciduous shrubs form an indispensable section of all well balanced gardens, for in addition to their particular use as individual specimens for the decoration of lawns, they are also especially desirable as borders, and for attractive planting in cemeteries.

Success in growing ornamental shrubs depends upon the selection of the kinds adapted to our condition of climate and soil, upon the proper preparation of the ground and upon the care in setting out, and the subsequent treatment. Some plants that show a tendency to start growth too early in the spring should be mulched with straw after the ground is well frozen. Do not remove the mulch too early as it will retard growth until frost danger has passed.

### CARE IN WATERING

Growth should be encouraged during the early summer months and ample water should be applied at this time. Do not merely wet the surface but give several successive applications, being sure that the water goes to the very lowest root extremities. About the last part of August and during September water should be gradually withheld so that the trees and shrubs will have a chance to mature up properly for the winter. Then after the leaves have fallen and the trees have gone into their winter dormant state, which is usually about the middle to the end of October, they should be heavily soaked with water again so that they will go into the last winter freeze with a ball of ice at their roots.

Shrubs that bloom early in the season should be trimmed immediately after the blooming period is over. Shrubs that bloom late in the season, or fall, should be pruned early in the spring. All that is needed is to keep them trimmed to a symmetrical form, to remove all dead wood and enough of the surplus wood to insure a good circulation of air and sunshine to all parts of the plant and border. To those who are anxious to make an immediate showing on their grounds or property, we have a fine stock of extra large specimens of most of our trees and shrubs. If interested in this class of stock please write us for prices.

When planning on the artistic arrangement and planting of your grounds, we cordially invite you to consult our experienced staff of nurserymen who are at your service at all times to give information on the most desirable trees, shrubs and plants and to furnish cost estimates.

### NOTICE

We endeavor to send out only stock that we believe will grow with proper care and attention. We should be advised BEFORE AUGUST 1 should any trees, shrubs, etc., fail to grow so that our representative may have an opportunity of calling and inspecting same. We will replace any of our nursery stock at one-half price that does not start growth by August 1.

Should your goods show any appearance of damage on arrival be sure to get your express agent to make a note of the damage on your receipt and send this to us so that we may enter a claim.



A Beautiful Foundation Planting of Our  
Spirea in Helena

THE COTONEASTER IS A BEAUTIFUL SHRUB FOR GROUPINGS AND FOUNDATION WORK



A Hedge of Japanese Barberry

### BERBERIS THUNBERGII—(Japanese Barberry)

(See Color Plate)

Nothing equals the delightful barberry where a dwarf deciduous hedge is required. It is very dense and low growing and may be used as a trimmed hedge or left untrimmed. The leaves are small, light green and towards fall assume rich brilliant colors of red, orange and yellow, the fruit or berries becoming scarlet. It is perfectly hardy in all parts of the country. This variety is not a host for the wheat rust and is in big demand for border and hedge planting and for foundation arrangements. Each, 16-inch to 18-inch, 50c. Larger plants, 20 inches to 24 inches, each, \$1.00.

### RED LEAVED JAPANESE BARBERRY

*Berberis Thunbergi Atropurpurea*—(See Color Plate)

It is similar in all respects to the green-leaved Japanese Barberry which is so popular for mixing in the shrubby border, as single specimens, or for planting in clumps on the lawn, as well as for foundation plantings and for hedges, but the foliage of this variety is of a rich, lustrous, bronzy red, similar to the richest red-leaved Japanese Maples. However, unlike these and other colored shrubs in which the coloring fades or disappears entirely as the season advances, this new Barberry becomes more brilliant and gorgeous throughout the summer, and in the fall its foliage changes to vivid orange, scarlet and red shades, more brilliant and more effective than in the ordinary Japanese Barberry. In this coloring it is unequaled by any other shrub and is followed by the brilliant scarlet berries common to the type, which remain on the plant the entire winter. All that is required to develop its brilliant coloring at all seasons is that it be planted in full exposure to the sun. Each, \$1.00.

### BUCKTHORN

A good hedging plant which may be held into a sheared fence of from three to five feet or grown into a tall screen of fifteen feet. A quick growing hardy shrub.

12-inch to 18-inch, each, 15c; doz., \$1.50; 100, \$10.00.  
18-inch to 24-inch, each, 25c; doz., \$2.50; 100, \$17.50.

We can also supply a larger size, 2 to 3 feet high, which will make an immediate hedge effect. Each, 50c; 1 doz., \$5.00.

### BUDDLEIA—Magnifica

**Butterfly Shrub or Summer Lilac**—One of the most desirable summer flowering shrubs; beginning to bloom in July, it continues until cut down by severe frost. The flowers are a pleasing shade of violet mauve borne in dense cylindrical spikes from ten to fifteen inches in length by three inches in diameter. Succeeds everywhere and flowers fully the first season planted. The bushes sometimes die back to the ground during winter but this will not prevent it sending up long spikes with beautiful flowers the following year. Each, 50c.

### COTONEASTER

**Cotoneaster—Rock Spray**—A low shrub with almost horizontal branches. A native of China with leaves a dark green about one-half inch long, flowers are a pinkish white and the fruit a bright red. It is very attractive in rockeries and makes a most desirable ground cover. Each, \$1.25 and \$1.75.



CARANGA—(See Page 38)  
CORAL BERRY—(See Symphoricarpos, Page 38)

### CORNUS—Dogwood

Because of the distinctive color of its bark and its attractive flowers and fruit the Dogwood is suitable either for planting as an individual shrub or in a hedge or foundation planting. The three varieties listed, with their contrasting colors, go very well together in a planting.

**Native Red Dogwood**—This is a very ornamental shrub and in rows is an effective windbreak. White flowers followed by white berries. Each, 75c. Larger shrubs, \$1.25.

**Yellow Dogwood**—Another ornamental variety, but with yellow wood. Fine for either specimen or foundation planting. Each, 75c.

**Silver Blotched—Variegated Dogwood**—A very beautiful shrub and becoming very popular for foundation planting. It adds color and zest to shrubbery groupings with its leaves of green blotched and striped with silvery white. As with the other Dogwoods we have listed, this wonderful shrub is exceedingly hardy and is adapted to any exposure in the foundation planting scheme and is also fine for specimen planting. Each, 75c.

ELDERBERRY—(See Sambucus)

### HIGH BUSH CRANBERRY—Viburnum Opulus

**High Bush Cranberry**—A highly decorative, tall growing shrub bearing white blossoms in broad cymes. Scarlet fruit, very showy shrub. Each, \$1.25.

### LILACS

For early Spring beauty these shrubs are unsurpassed. No-where do they succeed better, produce more beautiful foliage and flower more profusely than in Montana and the Northwest. We have an exceptional stock of this general favorite with a fine selection of the most adapted varieties. They may be planted as single specimens in groups or in hedges. Blocks of these shrubs attract large numbers of visitors to our Nursery every season when in flower. Our stock cannot be surpassed and they are hardy to the last degree. Let us quote you on larger specimens.

**Purple**—We cannot recommend this variety too highly for it does so remarkably well in all parts of Montana and the Northwest. It is an old-time favorite, very hardy and of rapid growth. Excellent for specimen purposes or for hedge use.

**White**—The companion to the purple, very hardy and fragrant and producing large trusses of beautiful flowers. Every Montana garden should have specimens of the above two varieties. Prices of the above two varieties, each, 50c, 75c and \$1.00.

Extra fine specimen bushes of the above varieties that will bloom this season. Balled and burlapped. Each, \$3.00, \$5.00 and \$7.50.

**Persian Lilac**—This is quite distinct, with small foliage, graceful growth. Color, the true lilac shade. Each, \$1.00 and \$2.00.

**Villosa**—A species which originated in Japan. It is a late tall growing variety that bears its blossoms fully a month later than the other lilac varieties. The flowers are purple in the bud stage and white when open and very fragrant. It is very hardy and a vigorous grower. Each, \$2.00.

### TREE LILACS

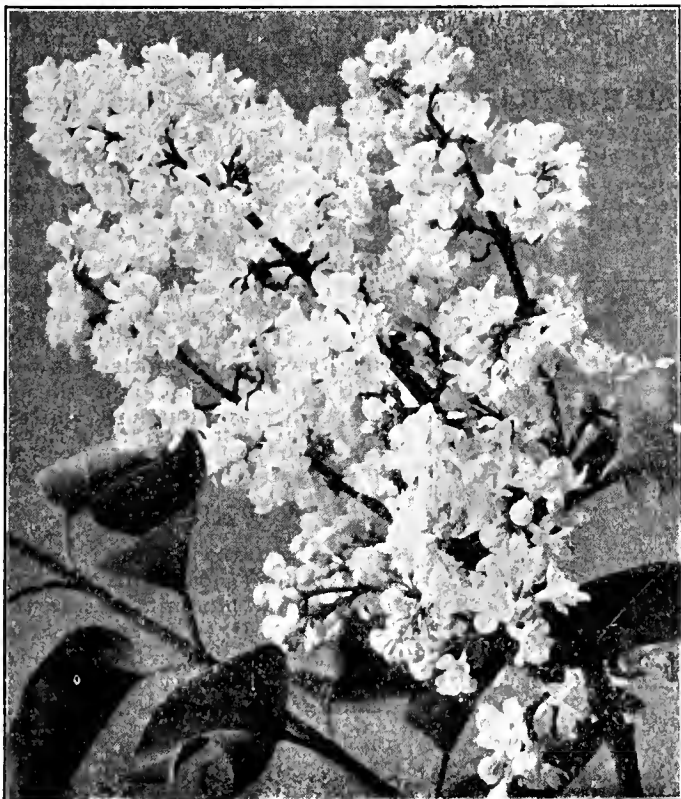
**Pres. Grevy**—A very fine double, producing trusses of pale blue flowers.

**Charles X**—Deep purplish Lilac flowers in large trusses. Flowers in May. (See Color Plate.)

**Madame Lemoine**—Magnificent panicles of large double white blooms. (See Color Plate.)

**Ludwig Spaeth**—Single. Very dark crimson purple. One of the darkest shades known. (See Color Plate.)

Any of the above, each, \$2.00.



Lilacs

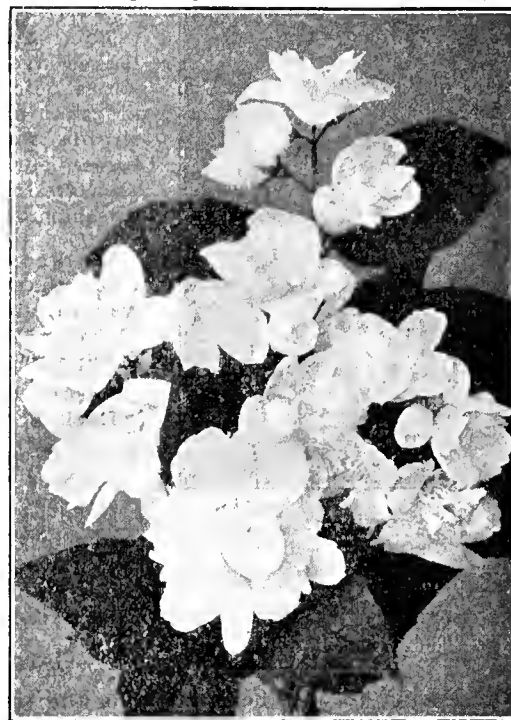
### PHILADELPHUS—(Syringa)—(Mock Orange)

**Native**—A beautiful and well known flowering shrub; a native and therefore quite hardy; very rich fragrance. Each, 50c and \$1.00.

**Pyramidal**—This is a tall pyramidal grower, bearing beautiful double flowers from May thru June. It is something new and unique in the Syringa line. Each, \$1.00.

### Philadelphus

**—Virginal**—A medium sized shrub with beautiful fragrant semi-double flowers. The flowering season lasts somewhat longer than on the other two types, beginning in May. Each, 75c. (See Color Plate.)



Philadelphus—Virginal

### POLYGONUM

**Polygonum Cuspidatum**—A hardy perennial shrub, of very quick growth, having long slender stems. Drooping feathery panicles 4 to 5 inches long. It is a native of Japan. A showy specimen for the garden nook. Each, \$1.00 and \$1.50.

### LILAC ROOTED CUTTINGS

We receive many inquiries for young plants suitable for the planting of hedges of these favorites, and are now prepared to offer well rooted cuttings of the Purple and White varieties for this purpose. Per 100, \$10.00.

### KOLWITZIA AMABILIS—Beauty Bush

**Beauty Bush**—A handsome new ornamental shrub from the wilds of China, resembling Weigelia, to which it is allied. It bears an amazing profusion of pale pink bell-shaped flowers in early summer. Fine strong shrubs, each, \$3.50.

### MAHONIA

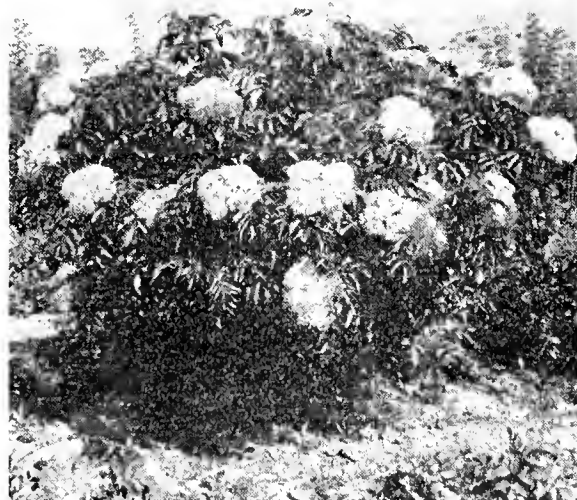
**Holly-leaved Ashberry**—This is a beautiful broad-leaved evergreen shrub bearing bright yellow flower clusters early in the season. The flowers are followed by berries blue in color and the leaves vary somewhat in color throughout the year from various shades of green with flecks of red and bronze. Each, 15 to 18 inches, \$1.50.

### HONEYSUCKLE—Bush or Russian Honeysuckle

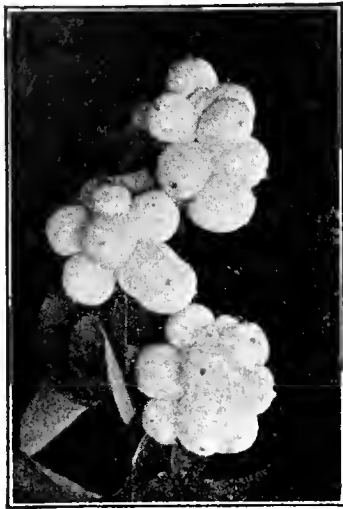
The Russian Honeysuckle Bush or Tartarian Honeysuckle, is a distinct shrub just as the lilac is. It will succeed anywhere, is very free flowering and absolutely hardy. Being a rapid grower, it is ideal for planting against a wall or anything to be hidden, and is also ideal for hedge purposes. It is literally covered with pink and white flowers during the spring. Each, 50c, \$1.00; larger specimens, \$2.00, \$3.50 and \$5.00.

### SAMBUCUS—(Elderberry)

A very valuable hardy shrub of quick growth and branching habit. When in bloom the shrub is a perfect bower of beauty over a long period and again in the fall when burdened with its load of black fruits. Each, 75c; larger shrubs, \$2.50.



An Elderberry Bush in Our Nursery

**Snowberry****RUSSIAN OLIVE**

This shrub is a decided acquisition to our hardy varieties. The leaves are lanceolate; of a beautiful green above, and silvery white below. The blossoms are yellow, very fragrant, and borne in great profusion in June. Its shapely habit makes it very desirable for ornamental specimen planting, and for hedge and screen purposes it cannot be surpassed. It is equally good grown as a tree or in a hedge. As a resister of both cold and drought this shrub is second only to Caragana.

We know of no better bushes for hedge purposes in the Northwest than Russian Olive and Caragana, both being of clean growth, and when properly trimmed will give good results.

Each, 18 to 24 inches, excellent for hedge use, 10c; per doz., \$1.00; per 100, \$7.50.

Larger hedge stock, each, 25c; doz., \$2.50; 100, \$18.00.  
Each, 3 to 4 feet, 75c.

**SNOWBALL—Viburnum**

One of the hardiest of shrubs and a favorite everywhere. During May and early June it is a perfect mass of blooms producing large globular pure white flowers. It is ideal for landscape work. Each, \$1.00. Large specimens, balled and burlapped, \$6.00.

**SIBERIAN PEA—Caragana**

The Caragana or Siberian Pea is the great drought resister amongst shrubs and is the variety recommended to our farmers and ranchers in the treeless regions of Montana. For wind-break purposes in exposed situations, for specimen tree planting or for shrub use we cannot voice the praises of this variety too strongly. Many fine Caragana shrubs may be seen throughout the state. On the Capitol grounds and in the Court House lawn, Helena, some fine specimens now flourish. Their fine clean foliage, their rich golden blossoms, with the flowers hanging in regular clusters, all tend to make this shrub a permanent favorite. It is especially useful for hedge purposes, its even, clean growth, its bushy habit and its clusters of "spikes" tending to make it just the plant for a hedge.

Prices—10 to 15-inch stock for hedge planting, \$6.00 per 100; 50 at 100 rate.

18 to 24-inch stock for hedge purposes, \$12.00 per 100; 50 at 100 rate.

**Caragana Seed**—These beautiful and hardy shrubs are easily propagated from seed. Prices, oz., 30c; ¼-lb., 85c; lb., \$3.00, postpaid.

**Specimen Shrubs of Caragana—\$5.00, \$10.00 and \$15.00**  
**F. O. B. Helena**

These shrubs are extra fine stock, balled and burlapped at the root, thus insuring arrival of the shrubs in the best possible condition.

**QUINCE—Japanese**

**Cydonia Japonica**—A popular flowering shrub. It is valuable as a specimen plant or planted in masses or for hedge work. Flowers are bright scarlet and it is a vigorous grower. Each, 2 to 3 feet, \$1.50.



FOR AN  
IMMEDIATE SHOWING  
WE CAN FURNISH  
SPECIMENS OF NEARLY  
ALL OUR  
NURSERY STOCK

**Caragana Hedge**

**RUSSIAN OLIVE IS A FAST GROWING AND VERY HARDY ORNAMENTAL HEDGE**

**Spirea—Van Houtii  
in a Helena Yard****SPIREAS**

These wonderful hardy shrubs are yearly literally covered with a mass of flowers, and attract no end of attention and admiration—a veritable fountain of bloom. These can not be too extensively planted in Montana. For either foundation planting or specimen planting nothing can out-do the Spireas.

**S. Van Houtii (Bridal Wreath)**—The grandest of all the White Spireas; it is of compact habit and a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, almost completely covering the foliage. Each, 75c and \$1.50.

**S. Sorbifolia (Ash Leaved Spirea)**—A very showy variety and a quick grower. Flowers produced on long spikes, white flowers. Makes a very beautiful, graceful shrub. Each, \$1.00.

**S. Anthony Waterer**—A very valuable variety producing bright crimson heads of bloom in great profusion. Fine for foundation work and considered one of the best of the pink Spireas. Very hardy and of dwarf dense habit, never exceeding 30 inches in height. Each, \$1.00.

**S. Prunifolia**—Another favorite variety. It produces long spikes of double blooms very freely in May and June. Each, 75c.

**Special—One each of the above four varieties, \$2.75.**

**Spirea—Froebel**—This is a vigorous spreading grower with bright pink flowers which are borne profusely from May to June; they have purplish tips in the Spring. The shrub presents beautiful colors and hues in the Fall and is very hardy. Each, \$1.00.

**SUMACH**

This old favorite shrub of the Eastern and Southern states has proven hardy in Helena, and we are pleased to be able to offer it to our customers. Its handsome fern-like foliage, which turns to a wonderful red at the approach of the first frosts, should make it one of the best additions to our list of hardy shrubs. 3 to 4 feet, each, 50c. Larger shrubs, \$1.00 and \$1.75.

**SYMPHORICARPOS—(Snowberry—Coral Berry)**

We list two species of this plant, both of which are hardy and distinguished by the berries they bear in the fall.

**Coral Berry**—The Red Snowberry or Indian Currant. Bears dense clusters of red fruit in autumn. Very attractive. Each, 75c; larger shrubs, \$1.50.

**Snowberry**—A small native shrub that grows well in almost any soil and succeeds in shaded locations. It is quite hardy, produces small white or pinkish flowers in July and August and these are succeeded by abundant white berries that last well into the winter. Price, each, 75c. Larger shrubs, \$1.50. (See Color Plate.)

**WEIGELIA**

**Rosea**—An introduction from Japan and a most beautiful free blooming shrub, blooming early in the summer. It is a heavy bloomer and is excellent for foundation planting and may be used to advantage for specimen work. Each, 75c.

# HARDY VINES FOR THE NORTHWEST



Clematis—Jackmanii

## CLEMATIS

One of the most popular of all trailing vines, used for covering house fronts or draping over retaining walls. When in bloom the dense sheets of blossoms, with their most pleasing fragrance, give a beauty indescribable. Their variety of size, coupled with a wealth of bloom, puts them in a unique position.

To obtain good results they must have rich soil, perfect drainage and an abundance of water and most important of all they must be planted with the crowns about 3 inches beneath the surface of the soil.

Heretofore it has been difficult for many to transplant these plants with success, so this season we are featuring pot-grown stock of A1 quality which will come with a ball of earth and are sure to give satisfaction.

**C. Jackmanii**—The popular rich purple variety with large flowers and very hardy. (See Color Plate.)

**C. Henrii**—A fine white having large blossoms which come in great profusion.

**C. Baron Veillard**—An excellent variety, rose color. A beauty in every respect.

**Mme. Ednard Andre**—One of the very finest red varieties on the market; very effective.

Each, \$1.25.

One each of the above four varieties, \$4.50.

**Native**—A sweet-scented, rapid grower, extremely hardy and producing magnificent foliage and great masses of flowers. Good strong roots. Each, 50c.

## CLEMATIS—WONDERFUL NEW VARIETY

**C. Montana Undulata**—A gem among flowering plants, a strong, vigorous grower, perfectly hardy, disease and insect-proof, and will succeed under the most adverse conditions. The anemone or windflower-like blossoms are white flushed mauve pink, and are about 1½ to 2 inches in diameter and expand very early. This is undoubtedly the best of the early Spring flowering climbers of which there are but few. Strong two-year-old potted plants, each, \$1.50.

## HOP ROOTS

For quickness in covering residence fences, arbors, etc., the Hop Root leads. The peculiar shade of its foliage, extreme hardiness and quick growth make it a very desirable vine. Each, 30c; doz., \$2.75.

## VIRGINIA CREEPER

American Ivy—Woodbine—(See Color Plate)

This plant is, without doubt, the very best and most hardy variety for this section. Everywhere it has been planted it has succeeded wonderfully. It produces masses of rich dark green foliage deeply cut, which assumes brilliant shades of yellow, crimson and scarlet in the Fall. It is the ideal vine for covering fences, walls, trees, rocky slopes, etc. Our stocks are clean, hardy and of sturdy growth and we feel safe in saying, are some of the finest in the country and for general purposes cannot be too highly recommended.

Each ..... \$1.00

Each, extra large plants..... 2.00

City Trees are a valuable asset that can very easily be ruined by inexperienced people. We have a qualified tree expert on our staff and we invite the cities of the state to write us regarding any tree work they may contemplate.

## OUR "FOUNDATION PLANTING" COLLECTIONS

### NO. 1

One Virginia Creeper, one Japanese Barberry, one Russian Honeysuckle, one Coral Berry, one Dogwood, two Lilacs (White and Purple), two Spireas—

All for \$5.95

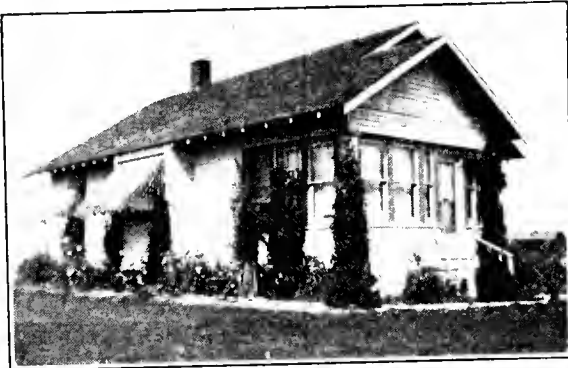
Delivered to Your Nearest Express Station

### NO. 2

Two Japanese Barberry, two Russian Honeysuckle, two Lilacs (1 White, 1 Purple), two Caragana, two Spireas, one Virginia Creeper, one Sumac, one Elderberry, one Coral Berry, one Dogwood.

All for \$9.40

Delivered to Your Nearest Express Station



Photograph of the pretty little dwelling of Dr. C. A. Swanson of Poplar, Montana, showing the wonderful growth and development of lawn, shrubs, vines and flowers. The property was planted up in the Spring of 1931 with State Nursery and Seed Co. stock. Dr. Swanson also states that he took 6 prizes at the local Poplar flower show this summer with flowers raised from our seeds.

## REMEMBER

OUR PRICES ARE PREPAID PRICES



Our Virginia Creepers Add a Beautiful and Living Covering Over This Modern Service Station

SEE OUR PEERLESS FRUIT COLLECTION IN COLOR SECTION, SENT PREPAID



# TREES---Shade and Ornamental

All prices on trees, shrubs and plants (except Evergreens) include delivery to your nearest express station

**IMPORTANT TO TREE BUYERS**—In buying shade and fruit trees or other Nursery Stock from THE STATE NURSERY AND SEED CO. you are also getting free of charge the experience of FORTY-TWO YEARS of production of these goods in Montana. This can not be offered you by any other house at any price.

We pride ourselves on our good, clean, hardy tree stock, and we are confident they are the best the Northwest can produce, a fact which is borne out by the numerous unsolicited testimonials which we have received. In addition to the hundreds of private citizens who annually plant our trees many of the cities of the state use our stock for parking purposes. We make special prices where quantities are purchased and we cordially invite correspondence from city authorities on this subject.

Our location (altitude 4,400 feet) and soil are two of the prime factors for the production of stock with good fibrous roots, which, before shipping, are carefully wrapped in wet moss and the whole length of the tree wrapped in burlap.

We take special care to send out only such stock that we know with proper attention will grow, but should any fail to do so before August 1st, 1932, we wish to be informed immediately after that date so that one of our representatives may have an opportunity of inspecting same. We guarantee to replace at one-half the original cost.

## ALMOND—Flowering

A charming low dwarf-like tree which bears a profusion of beautiful double pink and white blossoms early in the season. Price, \$1.50 and \$2.50.

## ASH—American White

The best hardwood tree for Montana, being extremely hardy and growing into a most beautifully formed head. We can not recommend this tree too highly for this section, either for parking purposes or for planting as individual specimens. We call attention to the \$2.00 size—7 to 8 feet high. The 7 to 8-foot tree is generally planted for street parking and we invite correspondence from city authorities.

Each, 6 to 7 ft. high, \$1.50; doz., \$15.00; each, 7 to 8 ft. high, \$2.00; doz., \$20.00; each, 8 to 9 ft. high, \$2.50; doz., \$25.00. Specimen trees, 10 to 15 ft. high, \$3.00 to \$5.00.

**White Ash Seedlings**—6-8 inches—per 100, \$5.00; per 50, \$3.00. These are offered for customers who may wish to grow these valuable trees for windbreaks.

## EUROPEAN MOUNTAIN ASH

This is without doubt one of the very best ornamental trees, and because of its outstanding beauty and hardness, together with its fine foliage and lovely blossoms, followed by massive clusters of beautiful berries from July till winter, is undoubtedly a TREE THAT SHOULD GRACE EVERY GARDEN.

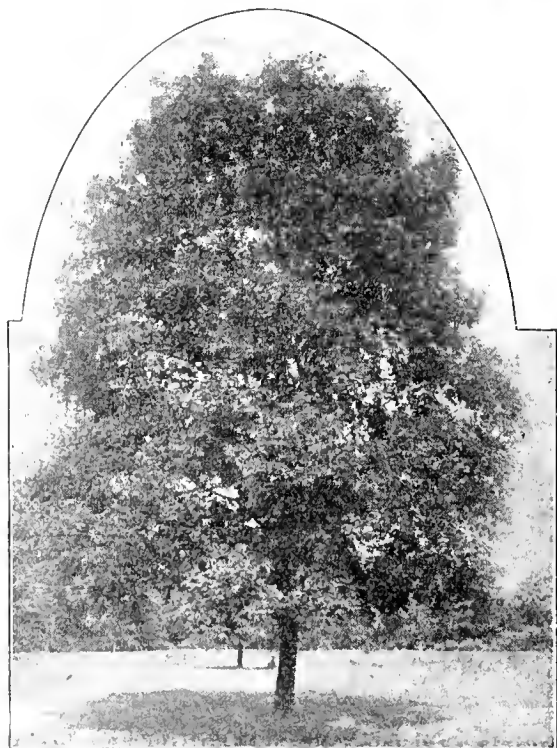
6 to 8 ft., \$2.00 each; 8 to 10 ft., \$3.00 each.

## OAK LEAVED MOUNTAIN ASH

Another very handsome tree equally as showy as the Ash leaved variety and producing immense clusters of bright red berries. Foliage dark lobed and oak shaped—a very hardy tree of pyramidal habit. Excellent for lawn purposes.

Each, 6 to 8 ft., \$2.00.

**Swedish Oxelberry**—(Mountain Ash), 4 to 5 ft., \$1.50.



White Ash



Cut Leaf Birch

## BIRCH

**Canoe Birch**—A very hardy and beautiful American tree of fine shape and delightful bark. An excellent specimen for lawn or other decorative purposes. 6 to 8 ft., \$2.50 each.

## CUT LEAF BIRCH

(See Color Plate)

Very beautiful form of the European White Birch, the main trunk with snow white bark, grows as straight as an arrow. Branches spread slightly, while the fine slender shoots hang vertically. Foliage fine and deeply cut. One of the most beautiful of deciduous trees. Each, 5 to 6 ft., \$4.00; 6 to 8 ft., \$5.00.

## BOX ELDER OR MANITOBA MAPLE

Often called the Ash Leaved Maple. Requires but moderately rich soil, and is of a vigorous growth. Has been so popularly planted that it needs no description. Each, 5 to 6 feet, \$1.00; doz., \$7.50. Each, 8 to 10 feet, \$1.25; doz., \$12.50.

## CHESTNUT—Horse

A very handsome and beautiful tree producing spikes of white flowers in great profusion and sweetly scented. May be frequently seen in many towns of the state. Well worth trying. Each, 5 feet, \$2.00.

## CHERRY—Japanese Flowering

The famous flowering cherries of Japan—strictly ornamental and beautiful specimens, blossoming in profuse panicles. Each, 4 to 6 feet, \$2.00.

## CRAB—Flowering

(See Color Plate)

Strictly an ornamental tree. An excellent addition to any grounds. Makes a medium sized tree, perfectly hardy; succeeds well in all soils not too wet. When in blossom appears to be covered with delicate pink perfectly double small roses of delicious fragrance. Each, 3 to 4 feet, \$1.50.

Billings, Montana, April 18, 1931.

State Nursery and Seed Co.,  
Helena, Montana.

Dear Sirs:

I must add this note to my order to tell you that we have been more than pleased with the trees you have sent us. They were perfect in every way and reached us in such good condition.

Respectfully yours,  
GUS WUNDERLING.

**ELM**

**Ulmus Americana**—The American Elm is a noble native American tree, attaining a large size, with wide spreading head and graceful drooping branches. It is one of the best park and street trees and is superb when planted as a single specimen. Each, 6 to 8 ft., \$1.50; doz., \$15.

**Ulmus Pumila**—(Chinese Elm)—This variety which was introduced from China is a wonderfully rapid growing tree and is adapted to semi-arid as well as irrigated districts. It is very valuable for windbreak purposes and may be trained as a bush or tree also providing excellent sanctuary for birds. In some localities the young tips freeze back, although this does not injure the main body of the tree. It is remarkably resistant to drought and alkali. Each, 5 to 6 feet, \$1.50; 6 to 8 feet, \$2.00.



Chinese Elm

**EUROPEAN LARCH**

A tall, handsome deciduous conifer, with pyramidal head and tapering trunk. This tree is particularly beautiful in early Spring, being one of the first to leaf out and is covered with soft feathery foliage of a delicate green. It is a very graceful tree, resembling the Spruce. In the Autumn its needles turn a golden color before falling. Unlike most conifers this tree is deciduous after the first year. Prices, \$4.00, \$5.00 and \$7.50. These trees are balled and burlapped the same as Evergreens and are shipped F. O. B. Helena.

**BLACK LOCUST**

One of the hardiest of the Locusts. Produces blossoms in long white racemes, very fragrant. 5 to 6 feet, each, \$1.00.

**LINDEN—American**

A very stately and beautifully shaped tree. It makes a fine specimen of a shade tree and its bright shining leaves enhance its value two-fold. It bears blossoms in July. It is a vigorous grower in the Northwest. 6 to 8 feet, each, \$2.00.

**MAPLE**

**Norway Maple or Hard Maple**—An excellent shade tree. The foliage in the fall assuming very striking tints of yellow. It is one of the most handsome of the species, of very hardy nature. Each, 6 to 8 feet, \$3.00; doz., \$30.00.



A Beautiful Maple Specimen



A Block of Canadian Poplars Growing in Our Nursery

**MAPLE—(Continued)**

**Soft Maple**—Of easy culture and rapid growth, forming well shaped trees when given sufficient room to develop. Splendid stock. Each, 6 to 8 feet, \$1.50; doz., \$15.00.

**Acer Schwedler—Purple Leaf Maple**—A red and purple variety that contrasts brightly with the delicate green of the other trees. In midsummer the leaves are purplish green, in autumn a golden yellow. It is truly an aristocrat of the Maple family and is very scarce as yet. Each, 6 to 8 feet, \$4.50.

**POPLARS**

These hardy trees thrive in almost any soil, and as a class are unequalled for this section. They are of rapid growth, and are used in increasing numbers every year in all parts of this state. A very desirable tree where quick shade is wanted.

**Canada Poplars**—This is the most popular of the Poplar family and is the best tree, being hardy, of clean, rapid growth and of symmetrical shape. This variety may be called the "all purpose" variety for they may be planted as specimen trees or used for parking purposes where quick shade is required, and judiciously used in windbreaks. Farmers living in the treeless sections of the Northwest can add materially to the appearance and value of their property, in addition to deriving a great deal of pleasure by a systematic planting of these trees.

**Balm of Gilead—Native**—A variety that does remarkably well in most parts of Montana, especially the exposed prairie lands of Eastern Montana, and should be extensively planted.

**Silver Leaved Poplar**—Under side of leaves are a beautiful silvery grey, making it decidedly distinct from any of the other varieties.

**Lombardy Poplar**—This variety is a very rapid grower—very erect, forming living pillars of handsome green foliage. Subject to winter killing in some sections.

**Price of Any of the Above Varieties of Poplars**

Each, 4 to 5 feet, whips, 50c; per doz., \$5.00; per 100, \$30.00; each, 5 to 6 feet, 75c; per doz., \$8.00; each, 6 to 7 feet, \$1.00; per doz., \$10.00; each, 8 to 9 feet, \$1.50; per doz., \$15.00; each, 10 feet, \$2.50; per doz., \$25.00; 12 to 14 feet, each, \$5.00.

Whips of Canada Poplars only, 1 year, 2 to 4-foot whips, per doz., \$3.00; 50, \$7.50; 100, \$15.00.

**Bolleana**—A tall columnar rapid growing, hardy tree, superior to the Lombardy. Leaves triangular, borders serrate, glossy green above and silvery beneath. Each, 6 to 7 ft., only, \$2.00.

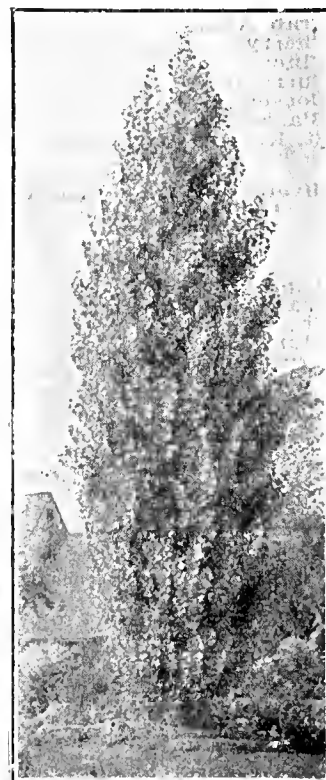
**PLUM—Flowering**

**Prunus Pissardi**—Very handsome form with rich purple leaves. Recommended where colored foliage is desired. Covered in Spring with beautiful white flowers, later with wine red fruit. Very suitable for foundation planting. Each, \$2. (See Color Plate.)

**Prunus Triloba**—A native of China and one of the finest and hardiest of early Spring-blooming shrubs under cultivation. The flowers appear very early in the Spring and are very double and of a beautiful light pink shade. Each, \$1.50 and \$2.00.

**RED BUD****Cercis Canadensis**

A very striking ornamental tree loaded with a mass of pea-shaped pink blossoms in early Spring before the leaves appear. Each, 2 to 3 feet, \$1.25.



Bolleana—Poplar

**HAWTHORNE**

**Paul's Double Scarlet**—The most showy of the double flowering thorns. Its lovely blossoms are of a bright scarlet color, large, full and very double. Each, 6 to 8 feet, \$3.00. (See Color Plate.)

**WALNUT—Black**

The picture shows some of these trees growing in our nursery. We do not recommend them for general planting but for those who like to experiment. Each, 4 to 5 feet, \$3.00.

**TREE CUTTINGS**

We sell quantities of cuttings of the following varieties: Poplars, Willows and Native Balm of Gilead, for the rancher or farmer who wishes to buy quantities of trees but does not wish to invest in rooted trees. These cuttings are about six inches long and in bundles of 100.

100, \$1.75; 1,000, \$10.00.



Black Walnuts in Our Nursery

**START YOUR OWN WINDBREAK**

WITH OUR "HOMEMAKERS" SHELTERBELT COLLECTIONS

**No. 1**

- 25 Canada Poplars,  
1 year whips, 2 ft. to 4 ft.
- 25 White Ash Seedlings,  
6-inch to 8-inch stock.
- 25 Russian Willows,  
1-year whips, 3 feet.
- 25 Russian Olive,  
18-inch to 24-inch.
- 50 Caragana,  
10-inch to 15-inch stock.

All the Above \$10.35

Delivered to Your Nearest  
Express Station

**No. 2**

- 50 Canada Poplars,  
1-year whips, 2 ft. to 4 ft.
- 50 White Ash Seedlings,  
6-inch to 8-inch stock.
- 50 Russian Willows,  
1-year whips, 3 feet.
- 50 Russian Olive,  
18 to 24-inch.
- 100 Caragana,  
10-inch to 15-inch stock.

All the Above \$19.50

Delivered to Your Nearest  
Express Station

**OUR FARMERS' HOME ORCHARD COLLECTIONS****No. 1**

- 1 Apple
- 1 Crab Apple
- 1 Cherry
- 1 Plum
- 3 Currants
- 1 Gooseberry
- 6 Blackberries
- 6 St. Regis Raspberries

All For \$6.50

Delivered to Your Nearest  
Express Station

**No. 2**

- 3 Apples, assorted
- 2 Crab Apples, assorted
- 1 Cherry
- 3 Plums, assorted
- 6 1-year-old Currants
- 3 Gooseberries
- 6 Blackberries
- 6 St. Regis Raspberries

All For \$11.75

Delivered to Your Nearest  
Express Station

Our trees are shipped by express and it takes less than 24 hours to reach any point in Montana this way. As our trees are dug as ordered this means that they arrive in A-1 condition for planting and with our careful handling they receive no setback.



A Beautiful Specimen of Russian Willow

**WILLOWS**

Among the best hardy trees for our rigorous climate, are the Willows. As windbreaks—some varieties are unexcelled as specimen trees—they are handsome and ornamental in any location. They are, when once established, very hardy. Our stocks of these cultivated varieties of Willows are perhaps the largest and best to be found in any section, and produced as they are—at an altitude of over 4,000 feet—on the eastern slope of the main range of the Great Continental Divide, are the hardiest trees that can be produced anywhere.

**Golden Willow**—Golden colored growth, makes a handsome specimen tree anywhere, and hardy under all conditions.

**Russian Willow**—A very strong growing, tall variety, extremely valuable for windbreaks, very hardy and of very rapid growth and of great value also for specimen trees.

Each, 4 to 5 ft., 50c; doz., \$5.00; 5 to 6 ft., 75c; doz., \$7.50; 8 ft., \$1.00; doz., \$10.00; 10 ft., \$2.00; doz., \$20.00.

**SPECIAL**—1-year Golden or Russian Willow, 3 feet, \$10.00 per 100.

**Laurel Willow**—One of the very best Willows for ornamental planting—shrubby. Leaves very large and shining. Fragrant when bruised; produces in Spring large rich-colored pussy willows. Each, 6 to 8 ft., \$1.00; doz., \$10.00.

**Pussy Willow**—This hardy native tree is one of the beautiful harbingers of Spring. Adds variation and natural beauty to the landscape scene. Each, \$1.00, \$1.50 and \$2.00.

**OUR LITTLE PRUNING BOOK**

Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc. Each, 30c, postpaid.



Bolleana Poplar, Colorado Green Spruce, Colorado Blue Spruce and Black Birch from our Nursery. Growing in the Garden of C. B. Power, Esq.

The Above Collections Sent ONLY AS LISTED—Positively No Changes Will Be Made

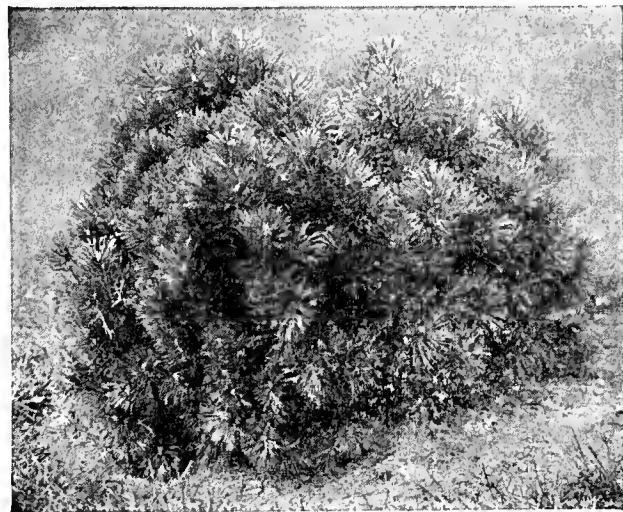


All our Evergreens are Balled and Burlapped for Shipping and the Root System is Undisturbed

# EVERGREENS

(Also See Inside Front Cover)

All our Evergreens are Balled and Burlapped for Shipping and the Root System is Undisturbed



Mugho Pine

A Section of Large Colorado Blue Spruce Growing in Our Nursery

## COLORADO BLUE SPRUCE

**Colorado Blue Spruce—Picea pungens**—There are other trees of almost every imaginable color and form, but here is truly the culmination of Nature's highest effort to produce the beautiful. It is a perfectly shaped tree with an abundance of heavy foliage of rich, glistening blue, which flashes and sparkles in the sunlight. The glory of the Blue Spruce is in the foliage, which is an intense steel blue and has created a sensation the world over. It is considered the handsomest tree on the Rocky Mountain Trail.

Price, 1½ to 2 feet, \$7.50; 2 to 2½ feet, \$12.00; 2½ to 3 feet, \$15.00.

For larger sizes and prices please write.

Above Prices F. O. B. Helena.

## COLORADO GREEN SPRUCE

The green variety of this famous Spruce which has the same graceful shape and quality but exhibits a bright green coloring of the needles rather than the bluish and silvery bluish of the Colorado Blue Spruce.

Price, 1½ to 2 feet, \$4.00; 2½ to 3 feet, \$8.00.

## WHITE FIR

**White Fir—Abies Concolor**—One of the most popular and picturesque of the Evergreens. Both the upper and undersides of the needles are a beautiful grayish blue. It is regarded by many as the cheeriest of all the Evergreens in the winter, has no insect enemies and is the best Fir tree to withstand heat and drought. It retains a distinct pyramidal outline and is branched to the base. Each, 2 to 2½ feet, \$8.00.

## BLACK HILLS SPRUCE

**Black Hills Spruce**—The hardiest of all Spruce, being symmetrical, compact and bushy in habit of growth; the very smallest trees soon form round, sturdy, compact bodies as the tree grows and develops. It continues to carry this particular style of growth; even in old trees the lower branches are retained, thus forming a close ground cover. The foliage varies from green to bluish tint and all trees are remarkable for their bright fresh color.

Each, 2 to 3 feet, \$7.50; 3 to 4 feet, \$12.00.

## DOUGLAS FIR

**Pseudotsuga Douglasi**—A beautiful Evergreen forming an open, broad, sharp-pointed pyramid. The lower branches are straight or somewhat drooping, and the middle or higher ones trend upward. This fir is a symbol of rugged strength, of endurance, and permanency. Price, each, 2 to 3 feet, \$6.00.

## PINES

**Mugho Pine**—A very short, stout and bushy Evergreen, very popular for low border plantings and foundation work. It never grows over 4 to 5 feet tall but spreads out 6 to 8 feet in diameter. By annual shearing it may be kept as small as desired. The Mugho is shade tolerant and the color is a deep green in summer and winter and it is very hardy.

18-in. x 18-in., \$5.00.

**Austrian Pine—Pinus Nigra**—The leaves are two in a sheath, straight and slender, from 4 to 5 inches long and of such a deep rich green color that it is known in some parts of the world as the "black pine." No tree shows such a resistance to the trying conditions of city planting. Coal gas and smoky atmosphere have no effect on its growth. A very strong hardy Evergreen making a fast annual growth.

Each, 2½ to 3 feet, \$7.50.

## Have You a Living Christmas Tree?

A practice, well worth encouraging, is that of planting an Evergreen in the front yard not only for general decorative effect but also for special use during the Christmas season. An Evergreen decorated with colored lights is an especially pleasing sight and vividly enhances the Christmas spirit. A drive through the residential sections of the city during the evenings of the holiday season will forcibly convince you of the advantages of such a planting. Write for suggestions.

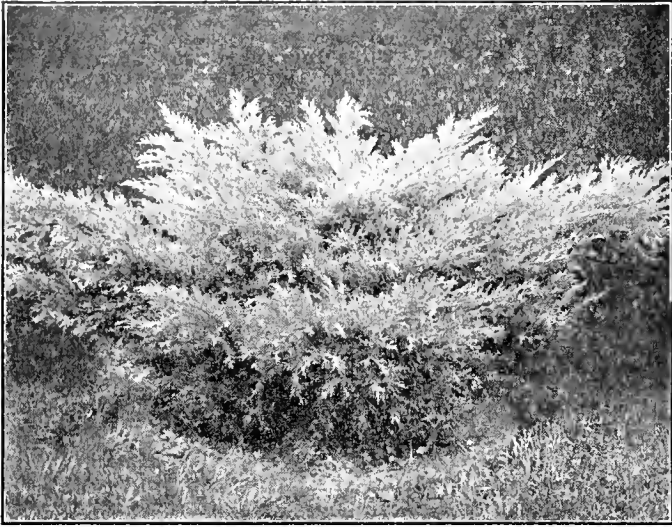
**NOTE**—All Evergreens are shipped with a large ball of earth, securely burlapped. When received, great care must be exercised not to break this ball of earth. At planting time loosen only the top of burlap, then thoroughly pack the soil around the ball of earth, before saturating with water.



Austrian Pine



Black Hills Spruce

**Pfitzer Juniper****Red Cedar**

## JUNIPERS

**Hill Dundee Juniper**—An amazing variation from the type and of great merit. The summer color is a grayish green, the winter color a brownish red plum color. They grow to about 12 feet in height with uniform habit and symmetrical columnar form. Each, 1½ to 2 feet, \$4.50; 3½ to 4 feet, \$10.00.

**Colorado**—This is the seedling form which produces a variation in habit and color. The color ranges from green to light blue, and is more pronounced during hot dry weather. It is narrow, compact and symmetrical, having one single stem in contrast to some Junipers with several stems. Each, 3 to 3½ feet, \$7.50.

**Pfitzer**—Almost unknown a few years ago, this remarkable tree today is in the front rank of ornamental Evergreen trees. The shape and size may be readily controlled by shearing, and it is shade tolerant, being used extensively on the north sides of buildings. It is a low-growing and very bushy type of Evergreen. Each, 1½ to 2 feet, \$6.00.

**Hills Silver Juniper—Juniperus Scopulorum Hilli**—This is a select form of striking blue foliage. It is the whitest Juniper obtainable. The silvery foliage is magnificent as it sparkles in the sun. Each, 2½ to 3 feet, \$7.50.

**Chinese Juniper**—Only recently is the true merit of this tree being realized and its popularity greatly increased. There is some variation in the outline of the tree but the majority of them are upright growers of a bright silvery green color. It bears small berries and has proven a wonderful hardy type, excellent for entrance and foundation planting. Price, \$5.00, \$7.50 and \$10.00.

## RED CEDAR

**Juniperus Virginiaana**—Often called America's best advertised Evergreen as Nature planted it over almost all the Northwest continent. It is narrow, compact, pyramidal type. As winter comes on, the tips of the new foliage present a pinkish appearance. The early spring color is very bright green, gradually darkening during the summer. It bears bright blue and silvery berries which are quite an attraction to birds. Each, 1 to 1½ feet, \$2.50; 2 to 3 feet, \$6.00; 3 to 3½ feet, \$10.00.

## LANDSCAPE ARCHITECTURE

We are prepared to do landscape work on a large or small scale and we are pleased to make suggestions and estimate cost of improving and beautifying your home grounds. Send us a sketch of your lot or lots with location of buildings, dimensions, location of entrances, roadways and exposure, etc. We are equipped to draw plans of the property and wish to help you plant your home.

More people are beginning to realize the value and beauty that a properly landscaped property presents and the individuals, communities and towns are all receiving benefits because of it. Remember, it's the difference between a house and a home.

### EVERGREENS FOR WINTER CHEER

Evergreens are always impressive in winter. They give a note of cheer and warmth to the winter landscape. The influence of Evergreens around the home gives a friendly aspect to your surroundings.

All Our Evergreens Are Balled  
and Burlapped for Shipping and  
the Root System Is Undisturbed

ALL EVERGREENS F. O. B.  
HELENA

When Evergreen and Deciduous  
Trees Are Personally Selected  
Catalog Prices Do Not Apply

**Colorado Juniper****Proper Method of Planting Evergreens**

WE INVITE YOU TO DRIVE TO OUR NURSERY AND SEE OUR TREES GROWING

# DEPARTMENT FRUIT TREES AND SMALL FRUITS

We specialize in fruit trees and small fruits, especially suited to Northwest conditions, and cater to those requiring from 1 to 100 or more trees for home orchard purposes. Our list of varieties is not large for the reason that we list only those that have proven suitable to our climatic conditions. All the trees, etc., listed we can unhesitatingly recommend as being hardy, of thrifty growth and clean, and good stock of standard varieties. After forty-two years in the Nursery business in the State we feel we are in a position to give invaluable aid to purchasers of fruit and other trees.

## APPLES

**Duchess of Oldenburg**—One of the hardiest and most productive of our large apples. Fruit streaked red. (Fall variety.) Each, 5-6 ft., \$1.25; per doz., \$12.00.

**Yellow Transparent**—Earliest of splendid quality, and does well in any exposed situation. Fruit light yellow. Each, 5-6 ft., \$1.25; per doz., \$12.00.

**Hibernal**—A splendid fall variety, very hardy. A really good apple for exposed situation. Each, 5-6 ft., \$1.25; per doz., \$12.00.

**McIntosh Red**—Too well known to need description. Each, 5-6 ft., \$1.25; per doz., \$12.00.

**Wealthy**—Does well wherever grown—leading winter variety for Montana. Large red fruit. Each, 5-6 feet, \$1.25; per doz., \$12.00. (See Color Plate.)



A Block of Fruit Trees in Our Nursery

## NATIVE CHOKE- CHERRY

This native tree is extremely useful, for besides its fruit-bearing value it is becoming most popular in solving landscape problems as it makes a splendid shrub for tall foundation planting and is fine for use in tree and shrubbery groups. It is absolutely hardy and a vigorous grower and produces an abundance of fruit which makes wonderful jelly, etc.

Each, 5 ft., \$1.00; doz., \$10.00.

## CRAB APPLES

For Preserving, Jellies and Ornamentation

All are unequalled for cider or vinegar. The trees are noted for their hardiness and vigor, and usually bear the second season after planting. From an ornamental standpoint alone these trees are well worth planting.

**Transcendent**—Very productive; fruit yellow with red cheek. The variety generally used for jelly. Each, 5-6 ft., \$1.25; per doz., \$12.00.

**Whitney**—Bears quantities of very large fruit. Good both for eating and cooking. Very hardy. Each, 5-6 ft., \$1.25; per doz., \$12.00.

**Red Siberian**—One of the hardiest and most prolific fruiting Crab Apples yet introduced. Each, 5-6 ft., \$1.25; per doz., \$12.00.

(Larger trees of any of the above, \$2.50)

## CHERRIES

Cherries do very well in some parts of Montana, while in others they will not succeed. We advise our customers, where Cherries are not grown, to test a tree or two before attempting to plant on a large scale. This will lead to practical knowledge for the different localities, and prevent severe disappointment.

**Early Richmond**—A splendid variety in dark red. Each, \$1.50.

**Montmorency**—A good hardy red variety. Each, \$1.50.

**English Morello**—A good hardy red variety. Each, \$1.50.

## ROCKY MOUNTAIN CHERRY

Grows to a height of four feet and its load of white blossoms in Spring is followed by quantities of black fruit that ripens late. A distinct bush. Fruit valuable for preserving; one or more should be in every garden.

Each, 3 ft., \$1.00; doz., \$10.00. Each, 2 ft., 50c; doz., \$5.00.

We Can Supply Apples, Crab Apples and Plums of Larger Size at \$3.00 and \$4.00 Each

Don't Overlook Our  
FRUIT TREE AND BERRY COLLECTIONS

WE HAVE LARGER SPECIMENS OF ALL  
TREES AND SHRUBS

Write Us About Them  
We Will Also Fill Your Order to Full Value



Yellow Transparent Apple

HOME-GROWN FRUIT ALWAYS TASTES BETTER



## PLUMS

The Plum should have a place in every orchard or fruit plantation. Being a native fruit, it is of the most easy culture, and a great bearer. May be planted close together as they appear to do best when grown in thickets. We feel that from those quoted a collection can be made that will suit any customer wishing standard varieties for a home orchard. Useful for sauces, jelly, butter or preserves.

**Underwood**—Very hardy and very prolific. Fruit large, red, juicy, good quality. An early and regular bearer. Quality excellent. This variety we can highly recommend. Even the small trees in our grounds are literally covered with fruit.

**Waneta**—The most delicious of all plums. The best of Prof. Hansen's introductions. Extra large size, two inches in diameter. Hardy anywhere in the Northern States. An early and prolific bearer, often producing a good crop in two years from planting.

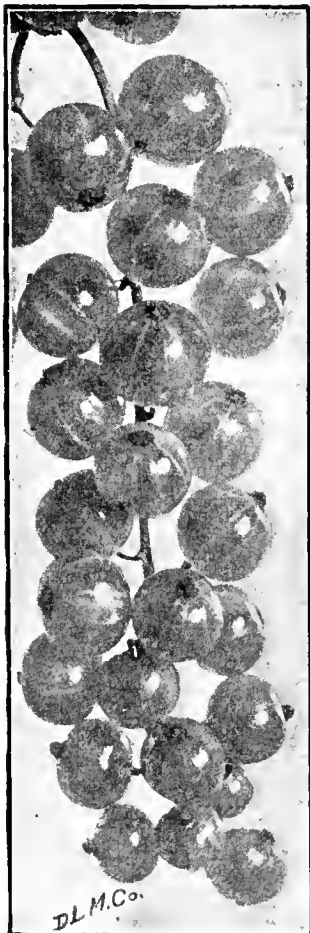
**Terry**—Another American Plum originating in northern Iowa, and has proven very hardy. A large fruit, color red over yellow, round shape, thick skin, yellow flesh of splendid quality. (See Color Plate.)

**De Soto**—Large oval, light yellow and red, sometimes mottled, juicy, good quality. An early and regular bearer, producing large crops. One of the very best.

Price of Plum Trees, each, \$1.50; doz., \$15.00.

## COMPASS CHERRY

**Compass Cherry**—A cross between a cherry and a plum. It is very hardy, and will thrive where many other trees will hardly grow. In the spring it is covered with a dense mass of blossoms, making it invaluable for a decorative plant anywhere. It bears enormous quantities of fruit, ripening late in the season, and which is extra fine for jelly-making purposes. Each, 3-4 feet, 75c.



Currants

## CURRANTS

Currants are hardy, very prolific, and their qualities for jelly making appeal to every housewife. Our stocks are good—in the best possible condition. Can be grown where scarcely any other fruit can or will mature.

**Perfection**—This is perhaps the very best variety of Red Currant that was ever introduced. It is a prolific yielder, with a rich sub-acid flavor. The fruit being very pulpy and contains but very few seeds. Our stocks of this valuable small fruit are unsurpassed, and we strongly recommend this variety to be grown both for commercial and home use.

**Red Cherry**—Very productive, color a bright red, in profuse clusters. Large fruit, fine for jelly making.

**White Grape**—The best white variety, of very bushy habit of growth, yielding large quantities of large white fruit.

**NOTE**—Owing to the attacks of White Pine Blister Rust in the Northwest, we are requested by the U. S. Forestry and Agricultural Departments not to offer Black varieties of Currants for sale.

**PRICES OF CURRANT BUSHES**  
1-year, each, 35c; doz., \$2.60.  
2-year, each, 70c; doz., 5.75.

All Prices on Trees, Shrubs, Plants and Roots, except Evergreens, include delivery to your nearest express station

## GOOSEBERRIES

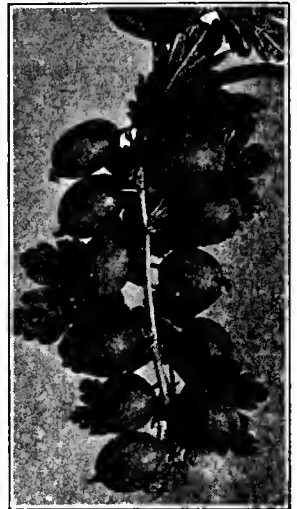
Gooseberries grow and fruit exceptionally well in Montana, and should be more generally grown than is the case. They yield enormously, and for preserving and pie making are unexcelled.

**Oregon Champion**—A splendid green variety, hardy, of good size and flavor. This variety is more generally grown on the Oregon fruit farms than any other for market purposes. (See Color Plate.)

**Columbus**—Hardy and large, and we have grown it for years in unsheltered positions.

Each, 65c; doz., \$6.00.

Every Household Should  
Have Its Fresh  
GOOSEBERRY PIE



Gooseberries

## GRAPES

The following varieties are among the hardiest:

**Alpha**—A very hardy and prolific variety, excellent for jellies, etc. Produces extra large bunches of dark colored Grapes. Very vigorous and a variety especially suited for the Northern States. Each, 65c.

**Beta**—A hardy northern hybrid, deep purple in color, medium size, and considered one of the best varieties for jelly and similar uses. Vigorous grower, does well anywhere and is especially adapted to the Northern States. Each, 50c.

**Campbell's Early**—An improved Concord of good quality. Each, 50c.

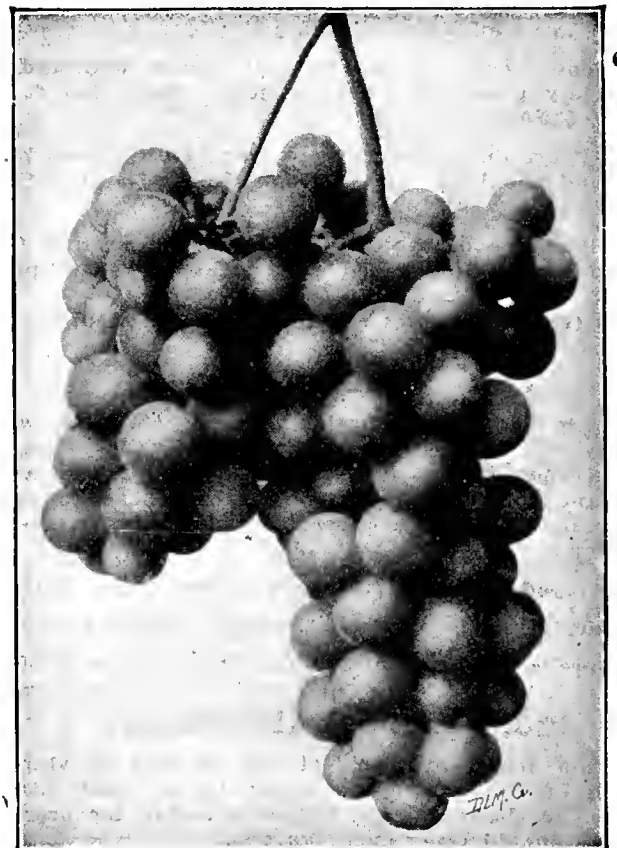
**Concord**—The most popular, very hardy, vigorous, and productive. Each, 50c.

Wolf Point, Montana, March 2, 1931.  
State Nursery and Seed Co.,  
Helena, Montana.

Dear Sirs:

Seven years ago I purchased Virginia Creeper Vines from you and I wish to express my sincere appreciation for their beauty and the pleasure they have afforded us all.

Sincerely,  
MISS ELIZABETH RANDALL.



Concord Grapes

CURRENT BUSHES MAKE A VERY GOOD DIVIDING HEDGE BETWEEN LAWN AND GARDEN

MONTANA GROWN BLACKBERRIES

We have been very fortunate in securing stocks of a Montana-grown Blackberry that we can highly recommend. The bushes make exceptional growth and produce enormous quantities of good sized, luscious berries. These berries are sweet and mild and are free from the bitter taste common to most of the black varieties. The berries are attractive and fine for table purposes, jams, pies and jellies. Very hardy and thrifty. 1 doz., \$1.00; 2 doz., \$1.75.

WINTER PROTECTION

After the first freeze and when the plants are free of leaves throw a covering of coarse straw around the canes or lightly earth-up with soil.

RASPBERRIES

Raspberries are a splendid small or bush fruit for Montana. As a rule they are hardy, very prolific and require but comparatively little care to produce splendid fruit.

**Latham Red**—A very large berry, dark red in color, a very hardy and vigorous grower, good shipper and heavy yielder. At Geneva (N. Y.), experimental station the Latham out-yielded any other red sort and they recommend it very highly. The Latham originated in Minnesota, which accounts for its hardiness. Doz., \$1.15; 100, \$5.40.

**King**—This Raspberry is one of the very best of the red Raspberries. It is very hardy, and yields enormously. In our Nurseries it has proven to be one of the very best we have yet found. The fruit is large and luscious, and will ship well. It is not considered an everbearer—but with us it certainly yields as much fruit as some of those so classed.

**Gregg**—The best of the black Raspberries, and a splendid yielder. This is the variety of black Raspberry generally grown for market purposes.

Either of the above two varieties—\$1.00 per doz., \$5.00 per 100.

EVERBEARING RASPBERRIES

**St. Regis**—Everbearing red. This is perhaps the best known of the everbearing type, and has proven well adapted to general Montana conditions. We have excellent reports on this variety from the western part of the state to the southeastern. Well worth a trial. A very prolific yielder of delicious flavor. Per doz., \$1.25; per 100, \$6.00.

OUR FARMERS' HOME ORCHARD COLLECTIONS

No. 1

- 1 Apple
- 1 Crab Apple
- 1 Cherry
- 1 Plum
- 3 Currants
- 1 Gooseberry
- 6 Blackberries
- 6 St. Regis Raspberries

ALL FOR \$6.40

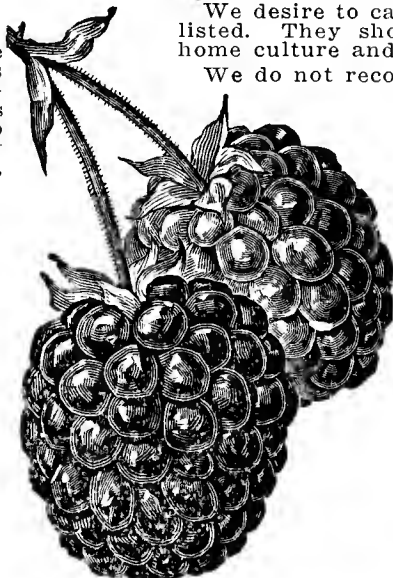
Delivered to Your  
Nearest  
Express Station

No. 2

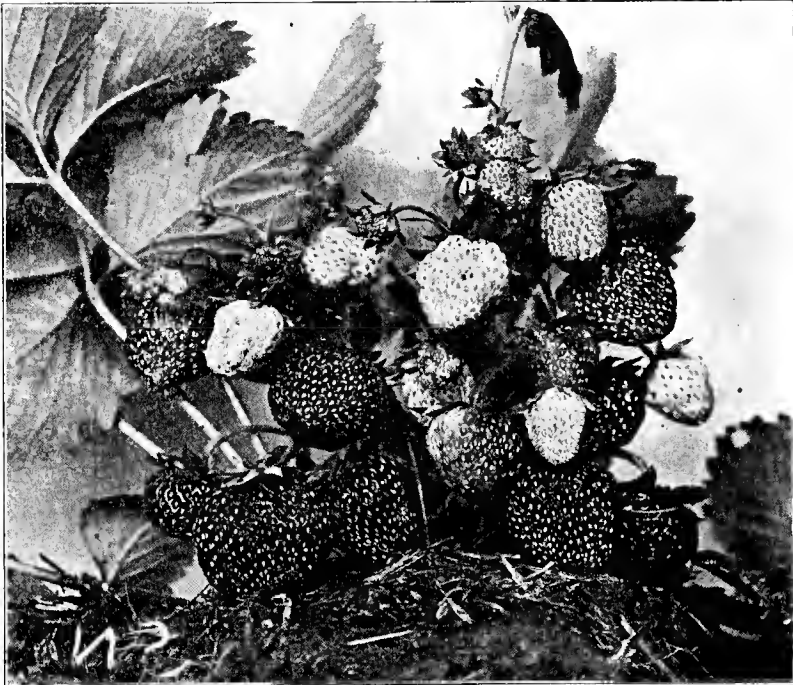
- 3 Apples, assorted
- 2 Crab Apples, assorted
- 1 Cherry
- 3 Plums, assorted
- 6 1-yr.-old Currants
- 3 Gooseberries
- 6 Blackberries
- 6 St. Regis Raspberries

ALL FOR \$11.85

Delivered to Your  
Nearest  
Express Station



Blackberries



Champion Everbearing Strawberry

STRAWBERRIES

The fruiting plant that stands the severe conditions of Montana's climate with splendid credit to itself is the Strawberry. For the space it occupies in the garden it is hard to find anything to equal it and our patrons show a constantly increasing appreciation of this fact.

We desire to call especial attention to the Everbearing varieties listed. They should prove of more than usual merit for both home culture and market purposes.

We do not recommend fall planting in Montana.

Pamphlet on  
Strawberry and Bush Fruit Culture  
FREE ON APPLICATION

EVERBEARING STRAWBERRIES

This type of Strawberry is becoming a great favorite in the Northwest. Their extreme hardiness, combined with their long bearing season, make them doubly valuable.

**Pride of Montana**—This berry originated in the Bitter Root Valley and are very large in size, being larger than the Mastodon and more prolific than the Progressive and increase in size from the first picking up until the last. The plants and fruit will stand fairly heavy frost and are highly recommended.

**Champion Everbearing**—Derived from a seedling of Superb. Similar in many respects but larger fruited and more productive. Can stand a great deal of grief and show results in seasons where others fail.

**Progressive**—One of the first of this type to be introduced, and is still considered one of the best. It is extremely hardy, very productive, bearing well formed berries of a most delicious flavor. This variety is more generally grown than all others in Montana, and is equally valuable for the home garden or the commercial grower.

PRICES ON ABOVE THREE VARIETIES

50 plants	\$1.25	500	\$ 8.00
100 plants	2.00	1000	14.00

STANDARD TYPE STRAWBERRY

**Senator Dunlap**—Hardy, strong grower, prolific plant-maker, good bearer of firm berries and stands transportation well. The best early mid-season berry for Montana and more generally planted than any other. Perfect flowering.

50 plants	\$1.25	500	\$ 8.00
100 plants	2.00	1000	14.00

All prices on Trees, Shrubs, and Plants, except Evergreens, include delivery to your nearest express station.



Latham Red Raspberries

# Vegetable Plants and Garden Roots



Specimens of 4-inch and 3-inch Potted Tomatoes

## TOMATO PLANTS

Tomatoes can be grown in Montana with great success except in the highest altitudes. For quick results we strongly recommend our pot-grown plants which we produce by the thousands. The picture above will give you an idea of size, etc., of both the 3- and 4-inch pot-grown stock. We grow quantities of the best known varieties in our testing grounds and we strongly urge all interested to pay us a visit and note our method of growing.

For those who prefer box or flat-grown stock we also carry all the varieties listed below.

Pot-grown plants, while more expensive, are far more satisfactory, and when only a few are to be planted, we strongly advise the pot-grown, as they will under normal conditions produce far more fruit and produce it earlier, a most decided advantage in regions where early frosts prevail.

The following varieties are best suited for our climate:

### TOMATO ARISTOCRATS

The following three varieties, while a little higher in price, will more than repay with their novelty nature and extra quality:

**Market King**—A variety that has met with much favor. A medium sized fruit, and a heavy cropper.

**Orange Sunrise**—One of the best yellow varieties yet introduced. A free fruiter of medium size.

**Bides N. C. O.**—A fine new Tomato bearing heavy bunches of smooth, firm, thin-skinned red fruit.

Prices of the above varieties—Doz., 3-inch pot plants, \$1.50; doz., 4-inch pot plants, \$2.75; from boxes, 75c doz.; per hundred, \$5.00; 6 at dozen rate.

**John Baer**—One of the earliest varieties for Montana, of splendid color and flavor. A heavy yielder and good sized fruit.

**Bonny Best**—Another good early sort.

**Earliana**—Fruit large.

**Marglobe**—A variety introduced by the United States Department of Agriculture. It is of fine appearance, noted for its great productivity, deep globe shape and superb table qualities. Color, a beautiful scarlet.

Prices of the above varieties—Doz., 3-inch pot-grown plants, \$1.25; doz., 4-inch pot-grown plants, \$2.50; doz., from boxes, 65c; 100, \$1.50; 6 at dozen rate.

## CHIVES—Snittlauch

Small, hardy perennial plants, resembling the onion in appearance and growing in clusters. They are grown for the young leaves, which are produced from early in the Spring throughout the summer. They give a mild onion flavor to sausages, salads and various dishes. Clump, 25c; doz., \$2.00.

## EGG PLANT

(Ready May 20th)

To have success with Egg Plants it is necessary to get our pot-grown plants. Set out in a sheltered sunny location. Price, per doz., 3-inch pot-grown, \$1.50.

### A FINE NEW EXTRA EARLY TOMATO

**Break O' Day**—This new extra early Tomato was developed from a cross between Marglobe and Marvana and was introduced by the U. S. Department of Agriculture. The beautiful scarlet fruits are of medium size, deep, solid, smooth and almost seedless. Of vigorous growth and it matures very early and from present indications is destined to be the most popular of the extra early sorts. Price, each, strong pot plants, 50c; doz., \$4.75.

## ASPARAGUS ROOTS

Asparagus is today one of the most used vegetables. It is very easily grown, and a bed when once established will more than repay any housewife who loves to have this delightful vegetable for her table in the early spring, and also for canning for winter use.

**Palmetto**—Early and of excellent quality. 1-year-old, doz., 45c; 100, \$2.40; 2-year-old, doz., 60c; 100, \$3.60.

**Washington Rust Resistant**—A new variety, above all others in size, vigor, quality and tenderness. Prices—Doz., 1-year-old, 50c; 100, \$3.00; 2-year-old, doz., 75c; 100, \$4.00.

For a home garden, plant Asparagus Roots 18 inches apart in rows 2½ feet apart, 100 roots for a patch 20x20 feet; 5,000 to 7,000 roots will plant an acre.

## HORSE RADISH

(Nice Roots)

Each, 15c; doz., \$1.25.

## MINT

**Spear**—For mint sauce and flavoring.

Each, 20c; doz., \$2.00.

## PARSLEY

A valuable herb used for seasoning and garnishing.

Each, 10c; doz., \$1.00.

## PEPPER

(Ready May 20th)

**Large Bell or Bull Nose**—The variety for Montana. Large early variety. Flesh is thick, of a mild flavor and of a shape that is desirable for filling. Splendid producers.

**Cayenne Long Red**—The real red hot kind, very prolific.

**Pimiento**—The mildest flavored of all Peppers, grown extensively for pimientos, pickles and pulp. Very productive. Its smooth, thick flesh and uniform shape make it an excellent shipper.

Price of any of the above varieties, per doz., 65c; 100, \$4.50.

## RHUBARB—Pieplant

33 to 100 ft. of row—5,000 to acre—5x3 feet.

Requires a deeply cultivated and thoroughly manured soil—the more the manure the better manured soil. Our VICTORIA strain is not surpassed by any for its fine grain, its early propensity and delicious flavor. Excellent for pies and sauces and of great value for canning for winter use.

**S. N. & S. Co's. Victoria**—Large red stems. Each, 2-year-old, 35c; doz., \$3.00.

If wanted in quantities—write for prices.

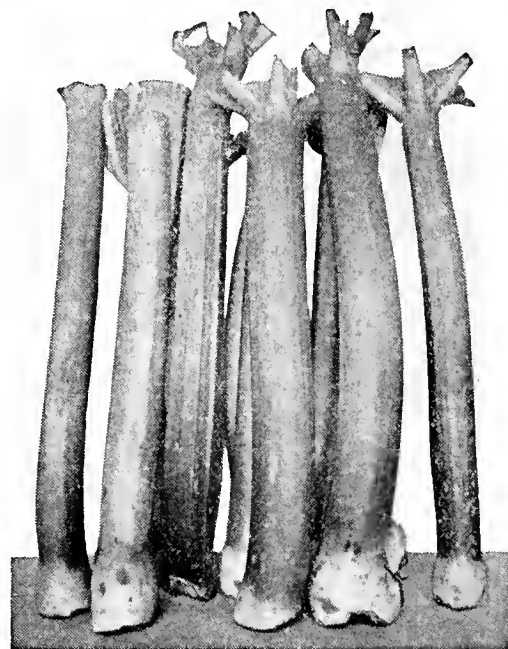
## SAGE

A valuable herb used for seasoning.

Plants from 4-inch pots, each, 25c.



Asparagus



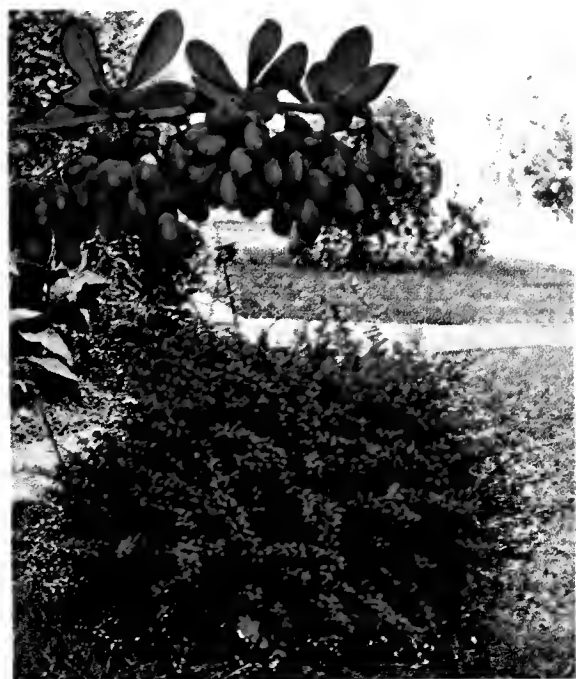
Rhubarb—S. N. &amp; S. Co's. Victoria





"VIRGINIA CREEPER"

Virginia Creeper or American Ivy or Woodbine. A wonderful hardy vine for conditions in the Northwest. Its colored foliage display in the Fall is most beautiful. . . For description see under Vines.



REDLEAVED JAPANESE BARBERRY



SNOWBERRY



HEDGE OF JAPANESE BARBERRY

A fine shrub for a low ornamental hedge and for groupings about the foundation. . . For complete and detailed description see the Shrubbery Section in this Year-Book.



MOCKORANGE—P. VIRGINAL

The Philadelphus Virginal as shown at the left is a beautiful semi-double flowering type of Syringa. A strong, sturdy grower



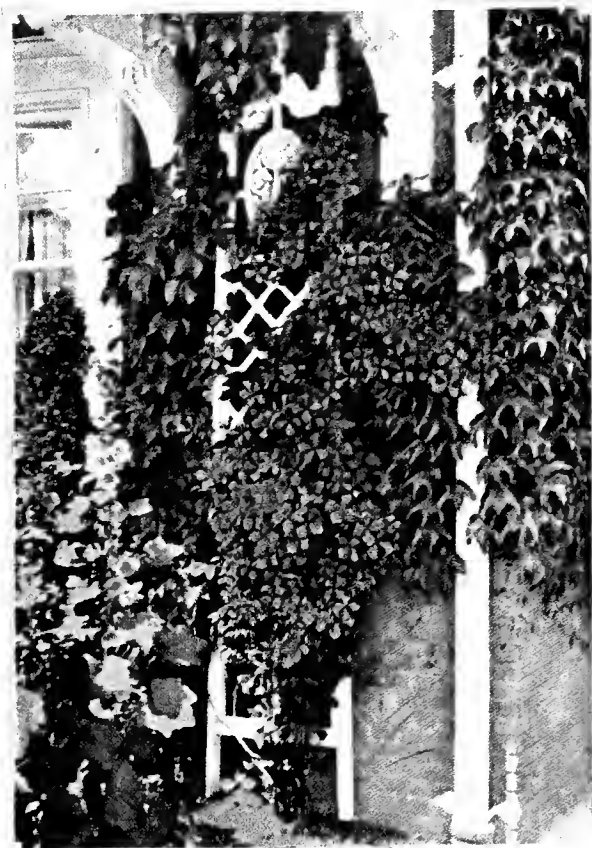
Below is the famous Clematis Jackmani a beautiful flowering vine that should grace every Garden

The newer Redleaved Japanese Barberry lends color and variation to the landscape

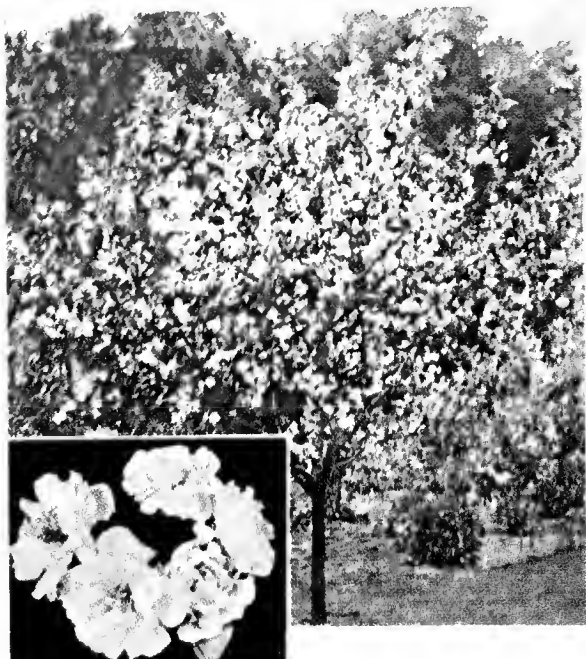


Below at left is the hardy little Snowberry Shrub which thrives on that rather shady part of the house

See Shrub and Vine Section for Prices and Description



CLEMATIS JACKMANI



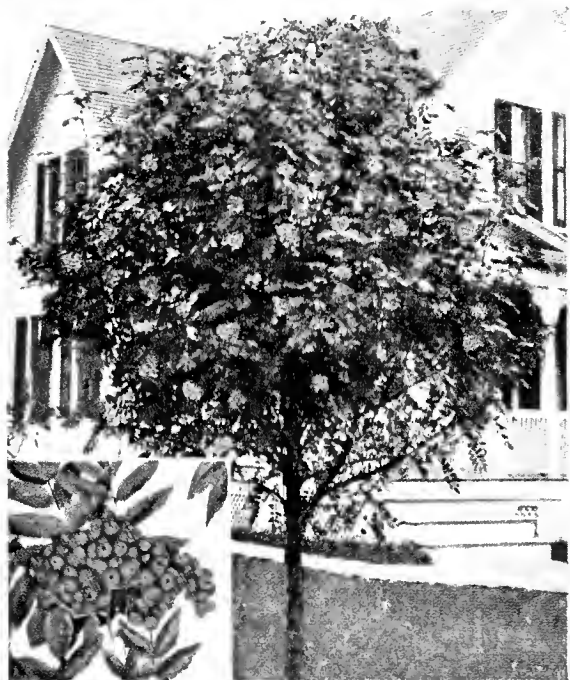
DOUBLE FLOWERING CRAB

The Flowering Crab is a very hardy Dwarf Ornamental Tree and should be on every Northwest Landscape. It blooms very early in the season as shown in the picture of the mature specimen at the left.



PAUL'S DOUBLE SCARLET HAWTHORN

The Paul's Double Scarlet Thorn is one of the most Ornamental Trees for Northwest Landscapes. It thrives well in all but the very highest altitudes. It is classed as a medium to small type of tree and the flowers are a bright scarlet and borne in clusters.



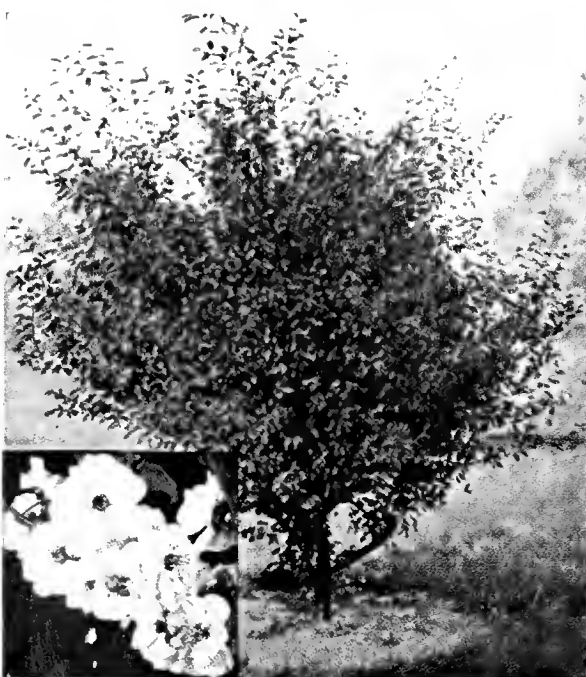
MOUNTAIN ASH

The Mountain Ash is a very hardy Ornamental Tree and a great attraction for our feathered friends.

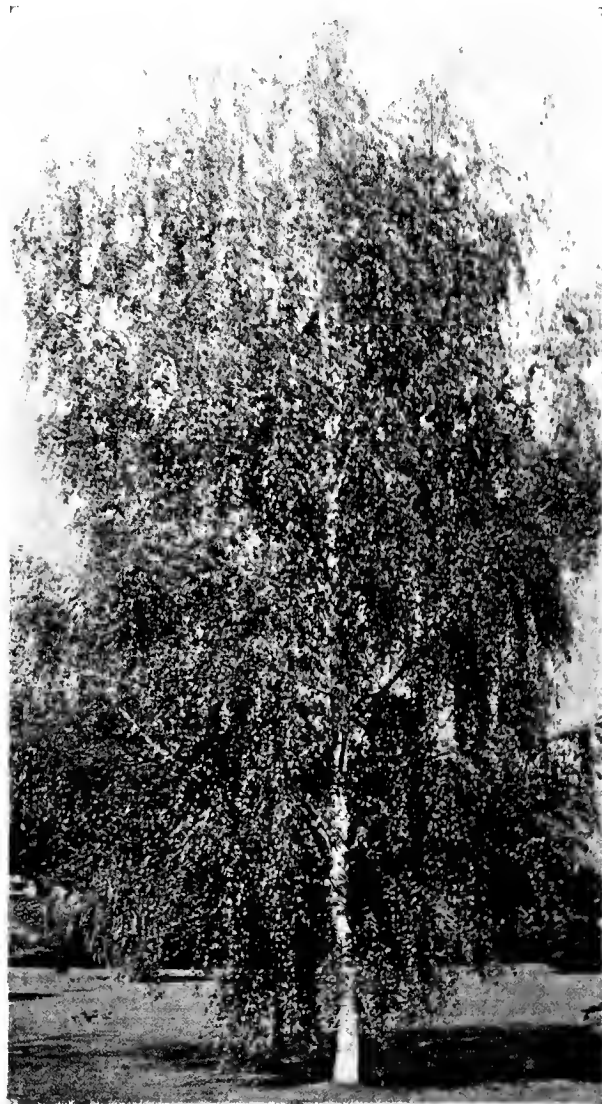
The Redleaved Flowering Plum is a very hardy Dwarf Ornamental Tree.

A group of 1 Prunus Pissardi, 1 Flowering Crab and 1 Greenleaf Flowering Plum is indeed a beautiful planting on the landscape.

The stately Cutleaf Birch is very ornamental and very hardy and its white bark carries its beauty into the winter.



FLOWERING PURPLE LEAVED PLUM  
"PRUNUS PISSARDI"



CUTLEAF WEEPING BIRCH

FOR DETAILED DESCRIPTION AND PRICES SEE TREE SECTION



CABBAGE

As for the past three years, we are listing only our own Cabbage plants; for actual results have shown they make better growth than the so-called frost-proof Cabbage for they do not receive the set-back suffered by the latter.

Our Cabbage plants are grown in cold frames and are carefully hardened off. Should the season be normal we shall be ready to ship by May 1st; if it is late we shall ship accordingly. Too early planting of the late varieties often results in "splitting." Early Cabbage may be set out in May but late varieties should be planted from June 1st on. We offer only varieties which have proven the best in vigor, quality and weight for this section.

Early Cabbage, 10,000 to 12,000 plants per acre.  
Late Cabbage, 6,000 to 8,000 plants per acre.  
The following Cabbage plants will be ready about May 1st and can be successfully planted up to the middle of June.

Early Varieties

Ready About May 1st to June 15th

- Copenhagen Market**—Early round head, vigorous grower and yielder and one of the best.
- Early Jersey Wakefield**—Early cone-shaped heads, uniformly hard and solid. Few outside leaves, heart well blanched.
- Glory of Enkhuizen**—Earliest and largest white Cabbage—solid ball-shaped heads with few outside leaves, very tender—heavy yielder.

Late Varieties

Ready About May 10th to June 15th

- Late Flat Dutch**—Heads large, bluish green, sure header, good keeper—excellent fall and winter variety.
- Hollander or Danish Ball Head**—Vigorous, compact grower, exceedingly hardy in resisting cold or dry weather, heads very solid and of fine quality—good shipper.
- Danish Round Head—Improved**—Very vigorous, wonderful capacity for withstanding hot sun, very solid, crisp and tender.

Prices of Early and Late Cabbage

Thousand	\$7.50	Fifty	\$.60
Hundred	1.00	Twenty-five	.40

- Red Cabbage**—The most solid of the Red Pickling varieties, sure heading and tender.
- Savoy Cabbage**—The most solid heading Savoy, plants being strong and vigorous and withstands the ravages of the cabbage worms better than other sorts.
- Brussel Sprouts**—A very palatable Cabbage vegetable. Very easily grown and profitable for the market gardener.

Prices of Brussels Sprouts, Red Cabbage, and Savoy Cabbage

Hundred	\$1.50
Fifty	.90
Twenty-five	.50

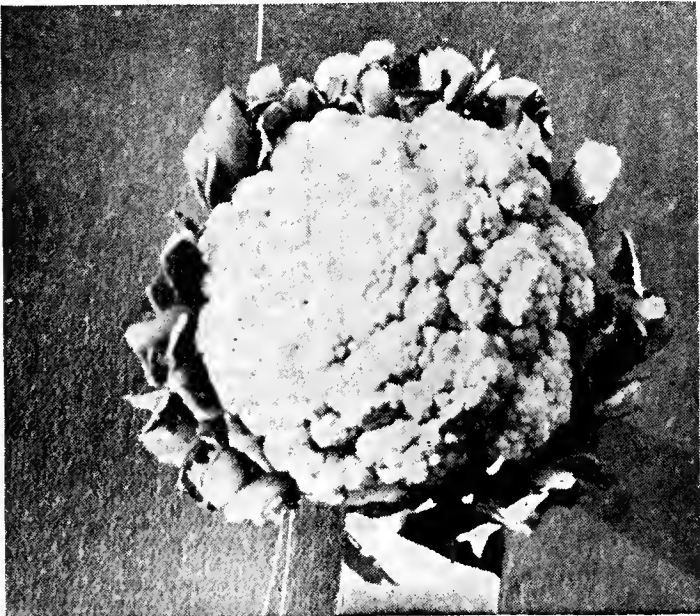


Field of Our Mountain Danvers Onion (Seed)

CUCUMBERS (Ready About May 20th)

The demand for our specially pot-grown Cucumbers has made rapid strides. We grow from 3 to 4 in a pot, sufficient for a hill and should not be divided, but set out as received. All plants are shipped in paper pots.

We have splendid White Spine, Long Green and Boston Pickling varieties. From pots, each, either kind, 15c; doz., \$1.50.



Cauliflower—Early Snowball



A Field of Copenhagen Market Cabbage in Our Testing Grounds

CAULIFLOWER

Ready About May 1st to June 15th

- 50 plants per 100 ft. of row. 8,000 plants per acre 3 ft. x 2 ft. Cauliflower grows splendidly in Montana. A money-making crop in favored sections.
- S. N. & S. Co's. Snowball**—For Fall and Winter use.
- |             |        |
|-------------|--------|
| Hundred     | \$1.50 |
| Fifty       | .80    |
| Twenty-five | .50    |
| Dozen       | .30    |

CELERY

Ready About May 1st

- 14,000 to 15,000 plants to the acre. 100 to 100 ft. of row.
- S. N. & S. Co's. Golden Self-Blanching**—Early, solid, crisp delicious flavor.
- S. N. & S. Co's. White Plume**—For Fall and Winter use. Self-blanching.

Thousand	\$10.00
Hundred, either variety	1.40
Fifty	.90
Twenty-five	.65

BERMUDA ONION PLANTS—Southern Grown

We have made arrangements to handle the above variety of Onion plants which will be of exceptional quality:

Six thousand (case)	\$8.00
In thousand lots	2.00
In hundred lots	.50
500 at 1000 rate.	

SWEET POTATO PLANTS

(Plants Ready About May 25th)

**Culture**—Set plants about 18 inches apart. For a few days after planting protect against extreme heat, strong wind and cold nights. A warm soil with a southerly exposure is the ideal. For those who wish to try Sweet Potatoes we are listing the Yellow Jersey which is probably the best for Northwest conditions.

Hundred	\$2.00
Fifty	1.25
Dozen	.50

If convenient you should visit our seed trial grounds and see the different varieties of vegetables growing.



# CUT FLOWER DEPARTMENT

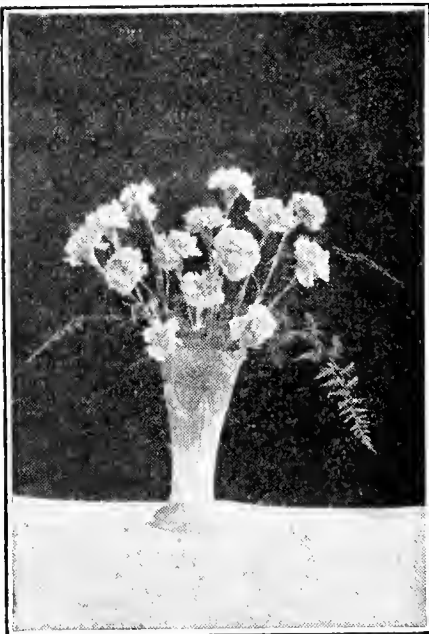
## FLOWERS BY TELEGRAPH

Flowers delivered anywhere through the Florists' Telegraph Delivery Association, composed of over 4,000 of the most reliable florists in the country. We can deliver flowers and plants anywhere in the United States and Canada, and to many points in Europe on short notice. There is no additional charge for this service, except the cost of the telegram. You can save the cost of a telegram if there is time to write.

## "SAY IT WITH FLOWERS"

For

Congratulations, Well Wishes, Affections, Joy,  
Sympathy, Good Cheer  
Remembrances  
Birthdays, Weddings, Anniversaries, Holidays,  
Family Gatherings and Convalescing Days



A Vase of Our Carnations

Our Cut Flower Department is one of the most complete and fully equipped of any firm in the Northwest. Our large plant, consisting of fifty-five greenhouses containing 300,000 square feet of glass, furnishes a large variety of blooms. Our aim is to produce flowers of the highest quality and by the introduction of new varieties to keep improving the selections that we have to offer you.

All of our work is finished in an artistic manner by competent florists and every care in packing is taken so that the flowers will reach you in perfect condition.

When time is limited, it is always best to use phone or telegraph, so as to enable us to make proper delivery of the order.

Our customers will obtain from these pages some idea of what we have to offer, and we can always be relied upon to furnish the latest and most appropriate designs in anything floral, for any occasion whatever.

For flowers of any description, write us or phone 2670, Helena, Montana, any time before 6:00 P. M. After 6:00 P. M., telegraph the State Nursery and Seed Company, Helena, Montana, or our night phone is 2379-J, and we will guarantee satisfaction.



A Vase of Our Roses

**\$3.00** **OUR BOUNTIFUL BOX** **\$3.00**  
Postpaid Postpaid

Contains a selected assortment of seasonal flowers arranged in gift form for any season of the year.  
A Very Popular Present.

Just Say on Your Order "Bountiful Box"  
and you will know that you will get more than your share of seasonable flowers.

## SPECIAL BOXES CUT FLOWERS

We take great pride in our Box Assortments of freshly cut flowers and in this particular specialty every box will be found to contain choice, seasonable flowers of the highest grade, all packed artistically and sent ANYWHERE EXPRESS PREPAID.

**\$5.00** **\$7.50** **\$10.00**

## CANDLES

We have a complete assortment in various colors so that we can carry out any color scheme.

Dinette Tapers, 19-inch, any color, per pair .....55c

Yuletide, 15-inch, 1 1/4-inch diameter, red only, each....50c

We have a splendid line of baskets, jardinières, bowls, vases and candlesticks. Write us if in need of anything in this line and we shall be glad to quote you prices.



One of our Special Boxes of Cut Flowers

We wish all our customers and friends to know that they have at their command one of the largest and best equipped FLORAL ESTABLISHMENTS in the Northwest. In times of emergency phone or telegraph your order, feeling assured that it will be promptly filled by competent florists with quality flowers.

A Splendid Way to Remember Your Friends No Matter Where They Live Is to "Say It With Flowers"

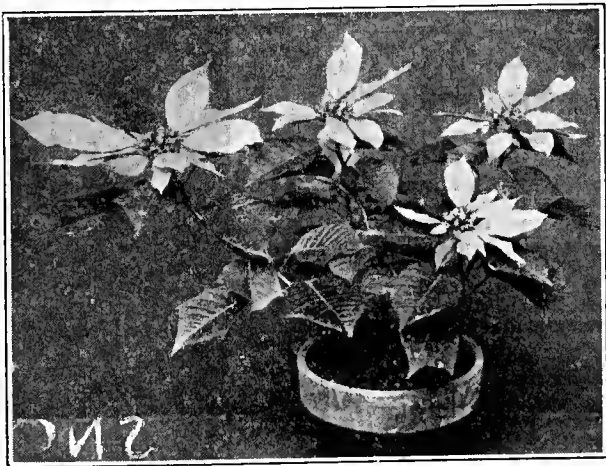


One of Our Corsages of Violets and Roses

CUT FLOWERS

	Per Doz.
Roses—Red, pink, and white .....	\$3.00, \$5.00
Carnations .....	1.50
Violets, per bunch .....	.50
(Season Nov. to April.)	
Chrysanthemums, choice yellow, pink and white .....	\$4.00, \$5.00, 7.50
Pompon Chrysanthemums .....	\$1.50 and 2.50
(Season Oct. to Dec.)	
Tulips .....	\$1.50, 2.00
(Season Feb. to May.)	
Narcissus .....	1.50
(Season Feb. to April.)	
Freeseias .....	1.50
(Season Nov. to Feb.)	
Gladiolus .....	3.00
(Season May to Oct.)	
Asters .....	1.00
(Season July to Oct.)	
Peonies .....	3.00
(Season June.)	
Orchids .....	each \$3.00
	Per Doz. 5.00
Easter Lilies .....	5.00
(Season April to June.)	
Calla Lilies .....	5.00
(Season Oct. to May.)	
Fern Leaves .....	.25
Maiden Hair Fern, per doz. sprays.....	.60
Asparagus Plumosus, per doz. sprays.....	.75
Asparagus Sprengeri, per doz. sprays.....	.75

On the above items postage 15c extra; by express 35c extra.



One of Our Poinsettias Without Ferns  
Available During Christmas Season Only

CORSAGES

Our Corsages are made of roses and sweet peas, also violets and orchids when in season.  
Prices—\$2.50, \$3.00, \$5.00, \$7.50 and \$10.00.

STATE NURSERY SPECIAL CORSAGE

These are made of choice flowers of our selection and are guaranteed to give satisfaction. They are very neat and nifty, contain extra value and are very popular.  
Each, \$2.50

DAINTY SHOULDER CORSAGES

Very up-to-the-minute and we blend them to match your gown.  
Each, \$1.50

All Corsages are tied with ribbon to match the flowers, and pins accompany them.



A Vase of Chrysanthemums  
The Thanksgiving Flower

WEDDINGS

At formal weddings, flowers always play a very important part. Having at all times a large production of flowers under glass a choice selection for wedding bouquets is always available.

Brides' bouquets are usually "showered" while those for bridesmaids have short ribbon decorations. When we furnish bridal bouquets our patrons may depend upon getting the same in styles dictated by the latest fashions. When ordering bouquets for bridesmaids it is well, if possible, to make known the shades of the dresses these ladies are to wear.

**Shower Bouquets**—Composed of Orchids, Bride Roses or other seasonable flowers. Price, \$10.00 to \$35.00.  
**Bridesmaids' Bouquets**—In colors to correspond with the ladies' gowns. Price, \$5.00 to \$25.00.  
Prices naturally vary, depending upon the desire of the customer as to the content, arrangement, etc., of the bouquet.



Shoulder Corsage

A Postcard will bring any of our special folders which we issue at Christmas, Thanksgiving Day, St. Valentine's Day, Mothers' Day and Decoration Day.

FUNERAL FLOWERS

Flowers have the power of expression where human words and writing fail.  
On short notice we can prepare any design or emblem desired. Our large extent of greenhouses gives us ample stock from which to choose, which with competent florists gives you an artistically arranged selection that cannot be excelled.  
Funeral Sprays (all arranged with a good foundation of green) from \$2.50 and up.

Wreaths—\$5.00, \$7.50, \$10.00 and up  
Pillows—\$7.50, \$10.00, \$15.00 and up

EMBLEMS OF FRATERNAL ORGANIZATIONS

Prices range from \$5.00 to \$25.00 each. When ordering state amount you wish to pay and we will guarantee satisfaction.

DECORATIVE WREATHS AND SPRAYS

For Cemetery Use

Very satisfactory, a large number being sold for this purpose at Christmas and Memorial Day. Made of prepared foliage and flowers artistically arranged.  
Prices—\$1.00, \$5.00 and \$6.00 each.

**A SUGGESTION**  
A nice blooming plant or a fern makes an ideal gift or remembrance.  
Our selection of plants in season, \$1.00, \$1.50, \$2.50, \$5.00.

**For ANNIVERSARIES, BIRTHDAYS, ETC.**  
We carry the latest novelties in baskets, ferneries, jardiniere, etc., from \$1.50 up.

S. N. & S. Co's.  
PEERLESS

# FLOWER SEEDS

COMPLETE  
LIST

We wish to again remind you that all our flower and vegetable seeds are tested and tried in our large seed testing grounds; a distinct protection and assurance of only the best and highest quality in seeds and a service which only the very largest of American seed houses offer. We invite you, our friends and customers, to visit our extensive seed testing grounds and see the thousands of varieties of flowers and vegetables being grown and tested to qualify for the high ideals which they must meet before they are ready for you as our PEERLESS Seeds.

## WHAT IS HOME WITHOUT BEAUTIFUL FLOWERS

**Annuals**—Bloom first year from seed and die after one season.

**Biennials**—Bloom second year from seed and plant dies after second year.

**Perennials**—Bloom second year from seed and plants live and bloom for several years.



A Block of Annual Flowers in our Trial Grounds

### ABRONIA UMBELLATA—Sand Verbena

Very pretty trailing plants with numerous clusters of sweet-scented flowers. Is excellent for growing in baskets, rockeries or the open border. Rosy pink. Does well in light soil. Annual. Pkt., 5c; ¼-oz., 35c; ½-oz., 55c.

### ACROLINIUM—Everlasting Flower

A very pretty half-hardy annual, producing white and rose-colored double daisy-like flowers. These are known as "Immortelles" and are desirable for wreaths and winter bouquets. Double mixed. Pkt., 10c; ¼-oz., 25c; ½-oz., 40c.

### ARCTOTIS GRANDIS

**Blue-Eyed African Daisy**—Easily grown from seed. The daisy-like flowers measure 2½ inches across. They are silvery white with a sky-blue eye surrounded by a narrow yellow zone. The under part of the petal is lilac-blue. Borne on long stems. One of our most attractive annuals. Pkt., 10c; ¼-oz., 35c; ½-oz., 55c; oz., 95c.



African Gold Daisy

### AFRICAN GOLD DAISSY (Dimorphotheca Auranitiaca)

The single daisy-like flowers are 2½ inches in diameter, and of a unique glossy terra cotta orange, which brilliant coloring is rendered the more conspicuous by the dark disc surrounded by a black zone. The plants grow from 8 to 12 inches high and are very profuse flowering, especially in dry situations. Hardy annual. Pkt., 10c; ¼-oz., 35c; ½-oz., 55c; oz., 95c.

### ALYSSUM

A fragrant hardy annual, bearing spikes of small flowers in great profusion throughout the summer and autumn. Useful for border or early bedding flowers. Sow the seed early in spring.

**Sweet Alyssum**—A well-known, fragrant, low-growing, spreading variety. Pure white flowers. Pkt., 5c; ½-oz., 25c; oz., 40c.

**Alyssum—Sweet**

**Carpet of Snow**—Pure white. Grows only 2 to 3 inches high and flowers profusely. Exceedingly useful for border and cemetery purposes. Pkt., 10c; ¼-oz., 30c; oz., \$1.00.

**Lilae Queen**—Hardy annual. Deep lavender lilac. Pkt., 10c; ¼-oz., 40c.

**Little Gem**—Three to four inches high, pure white, fine for borders. Pkt., 10c; ¼-oz., 25c; oz., 75c.

**Alyssum Saxatile Compacta—or (Basket of Gold)**—A hardy dwarf perennial, very useful for rock work, literally covering itself with yellow flowers. Blooms first season if sown early indoors. Pkt., 15c; ¼-oz., 75c.

### AGERATUM

#### Floss Flower

##### Blue Perfection

A hardy annual of easy culture, especially valuable for bedding, as it is literally covered with blue blossoms all summer. They make fine house plants in pots during winter time. Pkt., 5c; ½-oz., 30c; ¼-oz., 50c.



Ageratum—Blue Perfection

### AMARANTHUS TRICOLOR—Joseph's Coat

These plants afford brilliant contrast of colors, being useful for borders and groups; also, where foliage effects are desired. The leaves and stems are of different shades of red, blended with green. Half-hardy annual. Mixed. Pkt., 5c; ¼-oz., 30c.

### ANTIRRHINUM—Snapdragon

#### S. N. & S. Co's. Tall Giant Flowering Varieties

Antirrhinums, in recent years, have become very popular; they are very satisfactory for borders, bedding, pot culture, for house decoration; 2 to 3 feet, bearing long spikes of large flowers.

Giant Rose Pink.....Pkt., 10c  
Giant Yellow.....Pkt., 10c  
Giant White.....Pkt., 10c  
Tall Giant Mixed, pkt., 10c; 1/16 oz., 40c; ½-oz., 65c; ¼-oz., \$1.10.

### ANTIRRHINUM

#### S. N. & S. Co's. Half Dwarf Large Flowering Varieties

A splendid type growing about 18 inches high, especially valuable for bedding and cutting purposes.

Daphne, Silver-Pink.....Pkt., 10c  
Defiance, Fiery Scarlet.....Pkt., 10c  
Firebrand, Scarlet, Yellow  
Lip.....Pkt., 10c  
Golden Queen, Rich Pure Yellow  
Purity, Pure White.....Pkt., 10c  
Rose Queen, Rose Pink, Yellow  
low Lip.....Pkt., 10c  
Half Dwarf, Choice Mixed, Pkt., 10c; 1/16-oz., 35c; ½-oz., 55c.

#### Collection Snapdragons

One packet each of the above six named varieties. (Value, 60c.)

POSTPAID FOR 50c



Snapdragon

AQUILEGIA—(See Columbine, Page 57)

ANGEL'S BREATH—(See Gypsophila, Page 60)

ALL FLOWER SEEDS ARE POSTPAID



ANCHUSA ITALICA—Dropmore Variety



Asparagus Plumosus

One of the most valuable of the recent introductions in hardy plants. The plants are very vigorous, the rough-leaved stems growing to a height of four feet. The flowers are a beautiful, clear, bright blue, and are freely produced all summer, making a most striking plant in the hardy border. Pkt., 10c; 1/8-oz., 30c.

ANCHUSA CAPENSIS

A new, easily grown, showy annual of dwarf compact type with vivid indigo blue blossoms. Pkt., 15c; 1/8-oz., 25c; 1/4-oz., 40c; 1/2-oz., 65c.

ASPARAGUS

**Plumosus Nanus**—A graceful foliage plant with fern-like leaves of a rich green color. The leaves are finely divided and very useful for cutting. An excellent pot-plant. This is a most satisfactory house-plant and will keep in good condition for many years if it is given just average care. Keep the plants near the window and water thoroughly two or three times a week. Pkt. (25 seeds), 25c.

**Sprengeri (Emerald Feather)**—This variety is well known under the name "Asparagus Fern" and makes a magnificent pot-plant, with its long, drooping branches. Also grown extensively for cutting. It gives grace and an airy effect to any bouquet. Easy to grow and easy to keep in any well-ventilated living room. The plants increase in size and beauty as they grow older. Pkt. (25 seeds), 15c.

ASPERULA

**Azurea—Blue**—Grown for its fragrant leaves and stems, when dried have a sweet odor, and are used for putting among clothes, etc. Pkt., 5c; 1/4-oz., 25c.

**Tinctoria—(Sweet Woodruff)**—An old-fashioned fragrant hardy perennial plant, greatly loved for its fragrance when dried, resembling the sweet odor of new-mown hay. Bears small white flowers. Eighteen inches. Pkt., 10c; 1/4-oz., 30c.

ASTERS

As a popular flower the Aster ranks with Sweet Peas, Pansies and Nasturtiums. No flower is more popular, and few have held a place in popular esteem for so many years and it is still growing in favor. Hardy annual. For an autumn show of flowers, we have not its equal. We offer only Asters of superior quality.

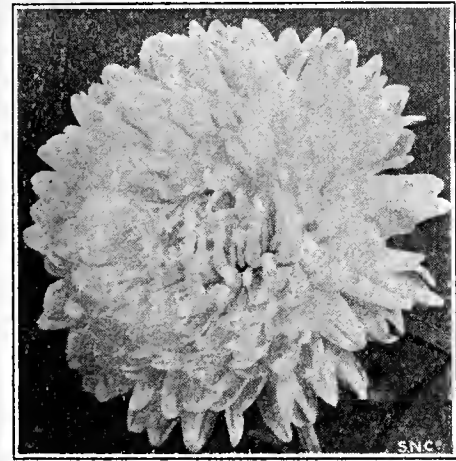
We might add we sow our Aster seeds outside about the 1st of May and we always have an abundance of blossoms. Asters so started give excellent results and are not so liable to disease.

ASTER

Queen of the Market

Very desirable on account of earliness as well as profuse blooming. The plants are somewhat compact but of branching habit, bearing on long stems from ten to fifteen finely formed double flowers of medium size. The blooms, although rather flattened, are not so large as those of the late sorts, and are fine for cutting. Blooming in latter part of July.

- Bright Pink .....Pkt., 10c
- Purple .....Pkt., 10c
- Pure White .....Pkt., 10c
- Lavender .....Pkt., 10c
- Rose .....Pkt., 10c
- Mixed, 1/8-oz., 30c; 1/4-oz., 50c .....Pkt., 10c



**COLLECTION—Queen of the Market Asters**  
Five pkts., one each of the named varieties. (Value 50c.)  
**POSTPAID FOR 40c**

KING ASTERS (Needle Type)

This magnificent class of Aster is different from all others. The long narrow petals are folded lengthwise, appearing as if quilled. The flowers are of great size and substance, and last longer when cut than those of any other class. Bloom in August. 18 to 24 inches.

- Crimson King .....Pkt., 10c
- Lavender King .....Pkt., 10c
- Pink King .....Pkt., 10c
- Rose King .....Pkt., 10c
- White King .....Pkt., 10c
- Violet King .....Pkt., 10c
- Any of the above named varieties.....1/8-oz., 35c; 1/4-oz., 55c
- King Asters, Mixed, pkt., 10c.....1/8-oz., 30c; 1/4-oz., 50c

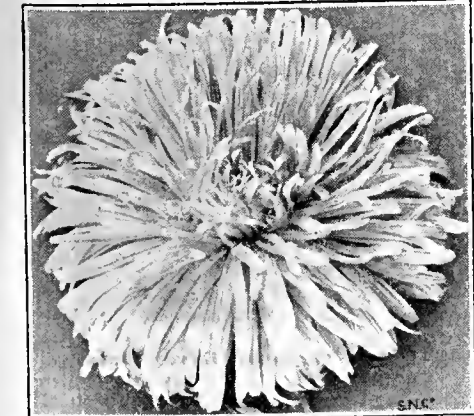
**King Aster Collection—Six above named varieties**  
(Value 60c)—**POSTPAID FOR 50c**

EARLY WONDER OR EXTRA EARLY EXPRESS

These are the earliest Asters in cultivation, flowering middle of July if seed is sown in March. The flowers are of good size, quite double, borne on good long stiff stems, making them of great value for early large blooms.

- White .....Pkt., 15c
- Pink .....Pkt., 15c
- Dark Blue .....Pkt., 15c
- Finest Mixed .....Pkt., 15c
- Any variety.....1/4-oz., 75c

Collection Early Wonder Asters, one packet each above named varieties, 35c



Aster—Extra Early Express

ASTER—California Giants—Double

This is an entirely new type of Aster, which combines the wonderful habit of the American Beauty Asters. The plants make a strong upright growth, reaching a height of two feet. They branch close to the ground and form a well-rounded bush. The flowers are extremely large, measuring nearly five inches in diameter. The petals are whorled and curled, giving a most artistic shaggy flower like a giant Chrysanthemum. The plants begin to bloom during mid-season and continue to produce full-sized flowers until frost. Exceptionally fine for cutting, lasting a long time in water.

**White**—This lovely variety has large long-stemmed flowers of a pure paper white. Pkt., 20c; 1/8-oz., 65c; 1/4-oz., \$1.10; 1/2-oz., \$1.90.

**Peach Blossom**—This is a charming shade, somewhat similar to peach blossoms. It is a cream-pink of great beauty. The large, well-formed flowers make up into most artistic bunches. Pkt., 20c; 1/8-oz., 65c; 1/4-oz., \$1.10; 1/2-oz., \$1.90.

**Light Blue**—A shade of silvery blue of great beauty. This color is a great favorite with both young and old. Pkt., 20c; 1/8-oz., 65c; 1/4-oz., \$1.10.

**Deep Rose**—Is an attractive color which makes a fine display in the garden and is well-suited for cutting. It blooms very freely. Pkt., 20c; 1/8-oz., 65c; 1/4-oz., \$1.10; 1/2-oz., \$1.90.

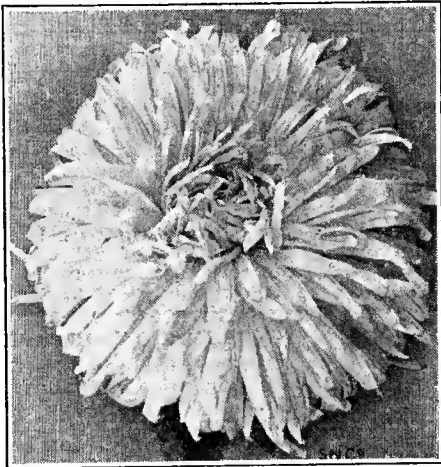
**Dark Purple**—A rich shade of bluish purple. Blooms freely and continuous from mid-season until frost. Pkt., 20c; 1/8-oz., 65c; 1/4-oz., \$1.10; 1/2-oz., \$1.90.

**California Giants Double Mixed**—This mixture contains the proper balance of the five colors described above. It will make a magnificent bed. Pkt., 15c; 1/8-oz., 50c; 1/4-oz., 85c; 1/2-oz., \$1.50.

COLLECTION OF CALIFORNIA GIANT ASTERS

We will mail one packet each of the four varieties, Peach Blossom, Light Blue, Deep Rose, and Dark Purple (value \$1.00). Postpaid for.....

75c

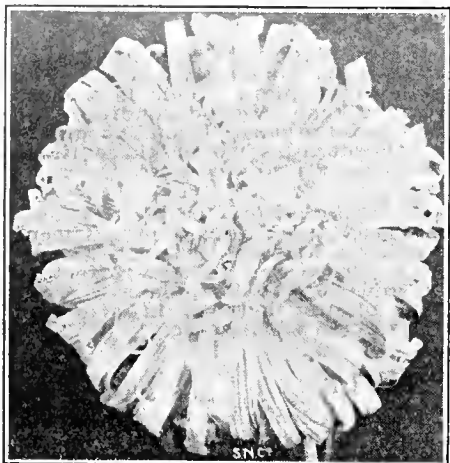


Aster—California Giant

ASTERS—Finest Mixed. All colors.....Pkt., 10c; 1/4-oz., 40c

ASTER—OR MICHAELMAS DAISY—(Hardy Perennial)

Hardy, handsome flower of easy culture, appearing at a time when flowers are scarce; make attractive garden display as well as cut flowers. If seed is sown indoors very early and seedlings set in open as soon as large enough to handle, they will bloom the first season. Do best in sunny location. Height 2 to 3 feet. Mixed, pkt., 15c; 1/8-oz., 50c.



Aster—Crego's Giant

**CREGO'S GIANT**

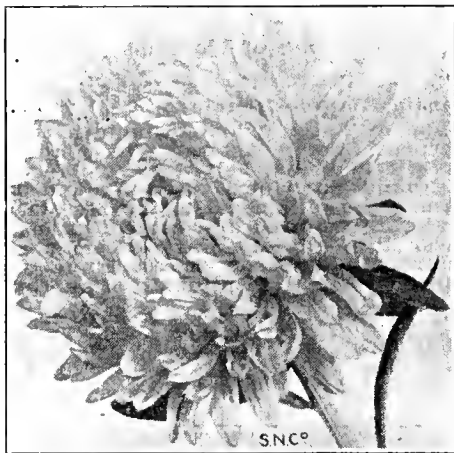
One of the finest of the Aster family, producing immense flowers, often measuring 5 inches in diameter, and of a fluffy texture. The petals of the flowers are attractively curved and twisted, resembling an ostrich feather. They retain their beauty when cut for a long time. Twelve to fourteen inches.

White .....	Pkt., 10c
Lavender .....	Pkt., 10c
Crimson .....	Pkt., 10c
Pink .....	Pkt., 10c
Finest Mixed .....	Pkt., 10c
1/8-oz. any above colors	35c
1/4-oz. any above colors	55c

Collection Crego's Giant Asters. One packet each of four above named colors, postpaid for .....35c

**ASTER—ROYAL**

One of the largest and most valuable of the branching type of Asters, blooming during mid-season and following Queen of the Market. Flowers ball-shaped with broad incurved petals towards the center, borne on long stiff stems. Height two feet and branching freely near the ground, thereby producing long stems.



Aster—Royal

**Royal Lavender**—The color is a clear bright shade of lavender. It is a flower of large size and will stay fully double throughout the blooming season.

Pkt., 10c; 1/8-oz.,	35c;
1/4-oz.,	55c; 1/2-oz., 95c.

**Royal Pink**—The flowers are large and fully double. The color is a rich pure pink.

Pkt., 10c; 1/8-oz.,	35c;
1/4-oz.,	55c; 1/2-oz., 95c.

**Royal White**—Is planted most extensively. It is a well-shaped, fully double flower, composed of thick, substantial petals.

Pkt., 10c; 1/8-oz.,	35c;
1/4-oz.,	55c; 1/2-oz., 95c.

**Royal Rose**—Flowers of a bright luminous rose color, borne on sturdy and strong plants. Pkt., 10c; 1/8-oz., 35c; 1/4-oz., 55c; 1/2-oz., 95c.

**Royal Purple**—It is a handsome flower, borne on exceptionally long stems. The color is a deep shade of rich blue-purple. Pkt., 10c; 1/8-oz., 35c; 1/4-oz., 55c; 1/2-oz., 95c.

**Royal Asters, Mixed**—This mixture of Royal Asters includes the proper proportion of all the fine varieties listed above. It is a grand mixture which is sure to please. Pkt., 10c; 1/8-oz., 30c; 1/4-oz., 50c; 1/2-oz., 85c.

**COLLECTION OF ROYAL ASTERS**

The three colors included in this Collection will make a fine bed or border. They harmonize wonderfully well.

The collection contains one packet each: Royal Lavender, Royal Pink, and Royal White, mailed to any address, postpaid, for.....

**25c****ASTERS—Four Wonderful Asters****ASTER—Heart of France**

The best red Aster ever introduced. The petals are of a velvety texture and a warm-glowing color which is retained to the end. One distinctive feature is that in any light, either natural or artificial, the color is the same beautiful, rich red. Heart of France keeps indefinitely when cut, and the stems are long and strong. Pkt., 15c; 1/8-oz., 50c; 1/4-oz., 75c.

**ASTER—Lavender Gem**

One of the most beautiful Asters, with large, artistic, loosely-arranged flowers on long, wiry stems and of the most charming shade of lavender imaginable. Begins blooming in July, continuing through August; a lovely variety for cutting. Pkt., 15c; 1/8-oz., 50c.

**ASTER—Peerless Pink**

This is conceded to be the finest pink late-flowering Aster ever offered. The plants are of robust, free-branching habit, and it is hard to find a flower under four inches across, and many measure five inches by two and a half in depth, forming an almost globular flower. Pkt., 10c; 1/8-oz., 35c; 1/4-oz., 55c.

**ASTER—Everlasting**

**Everlasting Flesh**—This curious Aster was found in our fields a few years ago and it has retained its peculiar characteristics during the years we have been propagating it. It resembles somewhat a large Helichrysum, or Strawflower; when cut and dried it retains its flesh color and its shape, as an everlasting flower for winter decoration. Pkt., 15c; 1/4-oz., 30c; 1/2-oz., 50c.

**ASTERS—Single Giants of California**

These new Asters are really wonderful. The flowers are large, measuring four inches across, with stems 18 to 24 inches tall. The petal has a slight twist, which adds a piquant touch to its beauty. The blossoms resemble Shasta Daisies in appearance. In the garden, the Single Giants of California add a charming note of simplicity among the fuller types of Asters. This new single type of Aster is becoming very popular.

	Pkt.
White .....	15c
Rose .....	15c
Light Blue .....	15c
Purple .....	15c
Lilac .....	15c
Flesh .....	15c
Mixed .....	15c
1/8-oz. ....	45c
1/4-oz. ....	75c
1/2-oz. ....	\$1.25



Asters—Single Giants of California

**Collection of Single Giants of California Asters**

This collection contains one packet each of the six showy colors (value 90c).

Postpaid for 75c

**BALLOON VINE****Love-in-a-Puff**

A rapid-growing climber; thrives in light soil. One of the prettiest climbers with dainty white flowers. Annual. Six to eight feet. Pkt., 5c; 1/2-oz., 25c.

**BARTONIA AUREA****Gold or Blazing Star**

One of the brightest garden flowers. It produces its large golden blossoms all summer in great abundance. 1 foot high. Hardy annual. Pkt., 5c; 1/8-oz., 25c; 1/4-oz., 40c.



Bachelor Button

**BACHELOR BUTTON—Centaurea Cyanus**  
**Cornflower or Blue Bottle**

Of the easiest culture and thrives well in any ordinary garden soil. The plants require lots of sunshine, air and moisture. Sow outdoors the middle of April. Blooms from June until frost. 15 to 24 inches tall. Double.

Pink .....	Pkt., 10c; 1/4-oz., 25c	White .....	Pkt., 10c; 1/4-oz., 25c
Blue .....	Pkt., 10c; 1/4-oz., 25c	Mixed .....	Pkt., 5c; 1/4-oz., 25c
			1/2-oz., 40c; oz., 70c

**BALSAM**

**Double Mixed**—Balsams like hot sun, rich soil and plenty of water. Plant 12 to 18 inches apart. Transplanting two or three times has a tendency to dwarf the plant into a better shape and to make the flowers more double. Half-hardy annual. Two feet. Pkt., 5c; 1/4-oz., 25c; 1/2-oz., 40c; oz., 75c.

**BEAN—Scarlet Runner**

A favorite old-fashioned climber. Both ornamental and edible. It grows rapidly to a height of ten or twelve feet, and is covered from July until frost with clusters of beautiful scarlet flowers. Annual. Pkt., 5c; 1/2-lb., 30c; lb., 50c; 2 lbs., 90c.

**BRACHYCOME****Swan River Daisy**

A hardy annual, growing from 8 to 10 inches high, producing an abundance of blue and white flowers. Excellent for border. Pkt., 5c; 1/8-oz., 25c; 1/4-oz., 40c; 1/2-oz., 70c.



Brachycome or Swan River Daisy

**EARLY FLOWERING SWEET PEA COLLECTION**  
—(See Page 73)

**DIDISCUS COERULEA****Blue Lace Flower or Queen Anne's Lace Flower**

You will be delighted with this easily grown annual. Carried on stems 2 feet long, are broad lace-like heads composed of many delicate light blue flowers. The name Queen Anne's Lace Flower is most appropriately applied to the flowers because of the graceful form of the blooms which resemble, in their quaint and artistic arrangement, the most delicate and dainty lace. It is easily grown and a splendid cut-flower, lasting unusually long in water. Bears a profusion of flowers from June until September. Of fine upright growth. Pkt., 10c; ½-oz., 35c; ¼-oz., 55c.

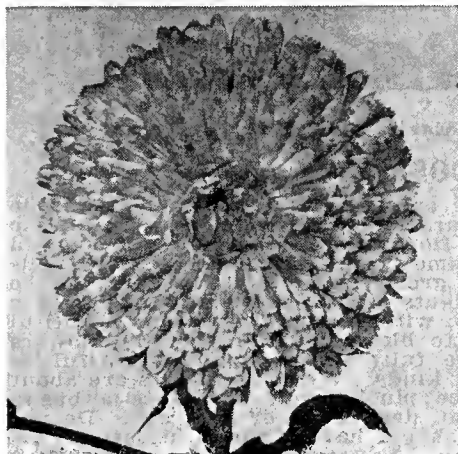
**BABY'S BREATH**—(See Gypsophila, Page 60)

**BELLIS**—(See Daisy, Page 57)

**BABY'S EYES**—(See Nemophila, Page 63)

**CACALIA—Tassel Flower or Flora's Paint Brush**

A neat annual of easy culture with tassel-shaped flowers; blooms from June to September; fine for borders. Golden yellow and scarlet mixed. Two feet. Pkt., 5c.

**CALENDULA—Scotch Marigold**

Calendula

Showy and beautiful free-flowering annuals, of the easiest culture, doing well in any sunny position, blooming all summer and excellent for cutting and massing. It is best to sow them where they are to bloom, thinning out to stand 6 inches to 12 inches apart. By keeping the old flowers cut off the flowering season can be lengthened until late autumn.

**Meteor**—Large, double, yellow, each petal striped with orange. Pkt., 10c; ½-oz., 30c; oz., 50c.

**Favorite**—This is indeed a favorite. The color of the blooms is creamy white toward the base but the tips are beautifully shaded with a touch of rich mahogany-brown. Pkt., 10c; ½-oz., 30c; oz., 50c.

**Lemon Queen**—Pkt., 10c; ½-oz., 30c; oz., 50c.

**Orange King**—Very large, double, glistening orange flowers, borne abundantly throughout the season. Pkt., 10c; ½-oz., 35c; oz., 55c.

**Calendula**—All colors mixed. Pkt., 5c; ½-oz., 20c; oz., 35c.

**CALENDULA COLLECTION**

One packet each: Orange King, Meteor, Lemon Queen. Easily grown, lovely as cut flowers; (value 30c).

POSTPAID FOR 25c

**CALLIOPSIS or Golden Wave**

A half-hardy annual of quick growth, doing well in almost any location, and blooming throughout the season. It is exceedingly showy and of easiest culture; are fine for cut-flowers. Sow the seed early in the spring when the maples are starting out in leaf. Sown as late as July 1, the plants will bloom freely during the fall until frost.

Mixed, pkt., 5c; ¼-oz., 25c.

**For CALLIOPSIS (Perennial)**

See Coreopsis, Page 57

Calliopsis  
Golden Wave**CANARY BIRD VINE—Tropaeolum Canariensis**

A beautiful climber with curiously shaped blossoms. Will blossom freely from July until killed by frost. Tender annual. Sow in the house and transplant or in open ground. Height eight to ten feet. Pkt., 5c; ½-oz., 30c; oz., 50c.

**CASTOR OIL BEAN—Ricinus**

The different varieties included in our mixture have light and dark green leaves and some of coppery bronze, changing to dark green with reddish ribs. Six to eight feet. Annual. Mixed, pkt., 5c; oz., 25c; ¼-lb., 75c.

**CATCHFLY—Silene**

An easy-growing, free-flowering annual plant, producing dense umbles of white, red or rose-colored blossoms. The plant is partly covered with a glutinous moisture, hence the name "Catchfly" Hardy Annual. Two to three feet. Mixed. Pkt., 5c; ¼-oz., 25c; ½-oz., 40c.

**CANDYTUFT—Iberis Umbellata**

Among the most useful of perfectly hardy annuals. Plants bear neat clusters of flowers very freely. A most attractive border and cut flower, blooming profusely in cool weather. Height 12 inches.

**Pink** ..... ¼-oz., 40c; pkt., 10c  
**White** ..... ¼-oz., 40c; pkt., 10c  
**Crimson** ..... ¼-oz., 40c; pkt., 10c  
**Lavender** ..... ¼-oz., 40c; pkt., 10c  
**Fine Mixed**.....Pkt., 5c; ¼-oz., 20c;  
½-oz., 35c; oz., 60c.

**Candytuft Sempervirens—Perennial**—A favorite perennial bearing heavy trusses of pure white flowers, and are wonderfully adapted for edging or rock-work. The plants commence to bloom early in the season. Pkt., 15c; ½-oz., 60c; ¼-oz., \$1.00.

Candytuft in Our  
Trial Grounds

**Candytuft Dwarf Hybrids**—The flowers have a great range of beautiful colors. Of dwarf, compact growth; valuable for borders, edging and mass planting. Mixed, pkt., 10c; ¼-oz., 30c.

**CANTERBURY BELLS**

**Campanula Medium**—Handsome hardy biennial of stately growth, rich color and profuse bloomer. Should be given more protection in severe winter weather; colors: white and various shades of violet, rose, lilac and blue. Height two to four feet. Single mixed. Pkt., 10c; ½-oz., 30c.

**Calycanthema**—The new Cup and Saucer variety, larger and appear about two weeks earlier than those of the old type. A splendid plant for beds and pot culture. Perennial. Two feet. Mixed. Pkt., 15c; ½-oz., 40c.

**CARNATION**

**Marguerite**—This half-hardy perennial often blooms the first season from seed, and they are exceedingly valuable for bedding and pot culture. Very free flowering, exceedingly fragrant, large flowered and double. Eighteen inches.

**Red** .....Pkt., 10c **Yellow** .....Pkt., 10c  
**White** .....Pkt., 10c **Mixed**.....Pkt., 10c; ½-oz., 25c

**Giant or Malmaison**—This type is noted for its wonderful range of colors, and its free-blooming qualities. Fully 70 per cent of the seedlings generally produce double flowers of large size. Half-hardy perennial. Extra fine double mixed. Pkt., 15c; ½-oz., 50c.

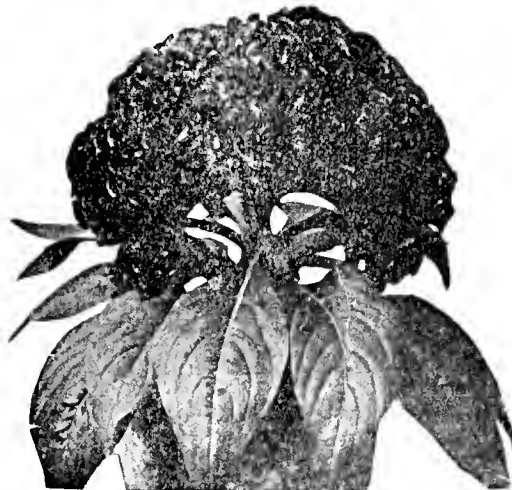
**CELOSIA—Cockscomb**

Splendid annuals for either pot culture or for the border. Well-grown blooms often measure 12 to 14 inches, of a most brilliant color.

**Empress**—Rich crimson combs of mammoth proportions. Very attractive. Pkt., 10c; ½-oz., 45c.

**Aurea—Dwarf—Golden yellow.** Pkt., 10c; ½-oz., 25c.

**Dwarf—Finest mixed.** Pkt., 10c; ½-oz., 25c; ¼-oz., 40c.



Celosia Plumosa—(Cockscomb)

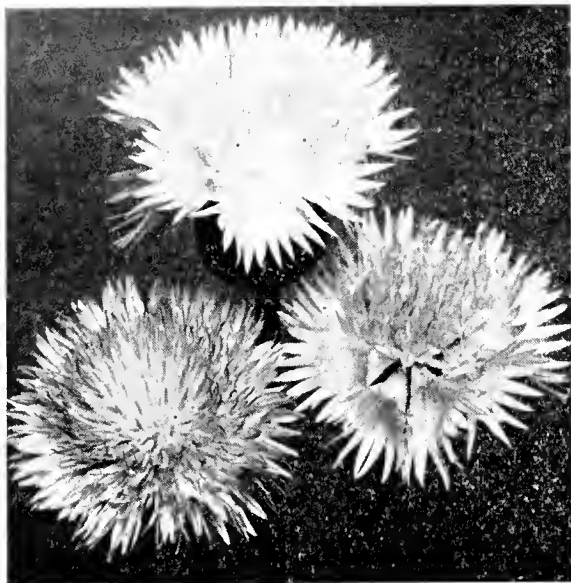
**Plumosa—(Feathered Cockscomb)**—A splendid strain of the tall-growing plumed Cockscomb forming huge plumes. **C. Thompsoni Magnifica**—Mixed. Pkt., 10c; ½-oz., 25c.

**CHILDSII—Chinese Woolflower**

**C. Childsii**—A distinct form of the plumed Celosia. Average height 2 feet, bearing flower heads of a purplish-crimson color resembling a ball of wool. Plant retains beauty and color until frost. A novelty which has attracted great attention. Pkt., 10c; ½-oz., 45c; ¼-oz., 75c; ½-oz., \$1.25.

All the seeds of annuals do well if planted in the open ground from the 1st to the 15th of May and perennials if planted early will give some bloom the first year, although, of course, it is the second and successive years they are at their best. The chief essentials for success with all flower seeds are to have the soil well worked with a fine seed bed and not to sow the seeds too deeply. Where early plants are desired seeds may be started in the house in boxes.





Centaurea

**CENTAUREA IMPERIALIS—Royal Sweet Sultan**

A justly favorite annual, coming into bloom in July, and continuing until frost. Excellent for cut flowers.

White .....Pkt., 10c      Rose .....Pkt., 10c  
 Lilac .....Pkt., 10c      Deep Lavender .....Pkt., 10c  
 Yellow .....Pkt., 10c      Mixed .....Pkt., 10c; ¼-oz., 25c  
 Ruthenia—Perennial with sulphur-yellow blooms. Pkt., 10c.

**CENTAUREA CYANUS**—(See Bachelor Button, Page 54)

**CHRYSANTHEMUM****French Marguerites or Painted Daisies****ANNUAL VARIETIES**

These early blooming annual garden varieties of out-door summer Chrysanthemum are entirely different from the large flowered varieties grown by florists. Very showy and effective for bedding or borders, also desirable for cut flowers. Plants grow 12 to 18 inches in height, and produce single daisy-like flowers of many bright colorings.



Chrysanthemum—Single

**Eastern Star**—Golden yellow with a purplish scarlet ring on the center of the petals, the disc a dark brown, very striking. Pkt., 10c; ¼-oz., 30c.

**Northern Star**—Very large daisy-like flowers, 3 inches across, with pure white fringed petals with canary-yellow zone around a dark brown eye. Pkt., 10c; ¼-oz., 35c.

**Tricolor**—Single mixed. Pkt., 5c; ¼-oz., 25c; ½-oz., 40c.

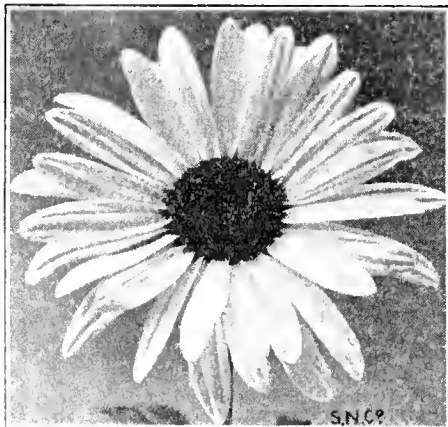
**Coronarium, Double Mixed**—A very fine garden variety including a wide range of colors such as white, rose, sulphur-yellow, golden yellow, orange, red, and maroon; 18 inch. Pkt., 10c; ¼-oz., 25c; ½-oz., 40c.

**PERENNIAL VARIETIES**

These are the well-known perennial Chrysanthemums, grown chiefly for the hardy perennial border, of easy culture in most any position and location.

**Maximum—King Edward VII (Moonpenny Daisy)**—Considered the finest of all singles, with flowers of extraordinary size of purest white, perfect form, and exceedingly free flowering, and borne on long stiff stalks well above the foliage. We recommend this excellent variety. Pkt., 10c; ¼-oz., 50c.

**Leucanthemum — Shasta Daisy—(Alaska)**—Very attractive, large white flowers 5 inches in diameter, with very broad



Shasta Daisy

petals and long strong stems. Excellent for cut flowers. Pkt., 15c; ¼-oz., 35c; ½-oz., 60c.

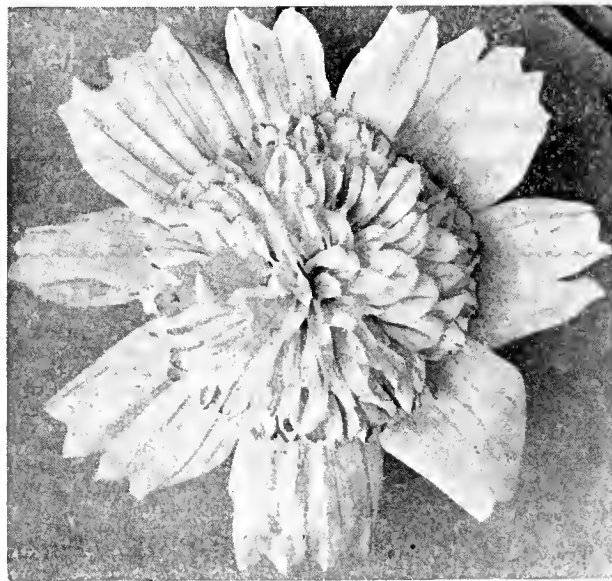


Cosmos—Early Flowering

**COSMOS**

This well-known, popular annual has earned a place in the flower world because it bears large, beautiful flowers in late summer and autumn when flowers are scarce. We are proud of our Early-flowering Cosmos, especially selected for earliness and size of bloom. It grows so rapidly that seed can be sown out of doors where plants are to grow. In a few weeks the plants will be covered with a mass of large, beautiful flowers, and will continue to bloom until frost. The flowers of this excellent strain are fully as large and beautiful as the very best late-flowering kinds. When the plants are about a foot high, they should be pinched out to induce a bushy growth. They prefer a light, dry, sandy or poor soil. Do not water very often. Cosmos should have a sunny situation.

**Early Flowering—Pink** .....¼-oz., 30c; pkt., 10c  
**Early Flowering—Crimson** .....¼-oz., 30c; pkt., 10c  
**Early Flowering—Pure White** .....¼-oz., 30c; pkt., 10c  
**Early Flowering Mixed**—Pkt., 10c; ¼-oz., 25c; ½-oz., 40c; oz., 70c



Cosmos—Early Double Crested

This new type of Cosmos is unique and exceedingly pretty. The flowers are of good size, with full double centers and an outer row of broad ray petals. The plants are vigorous, attaining a height of 4 feet, and are covered with blooms. This is the best of all Cosmos for cut flowers, lasting well in water, and the dainty colors are most attractive for either garden or table decoration. Give Cosmos the full sunshine for successful growth.

**Double Crested—Pink Beauty** .....¼-oz., 50c; pkt., 15c  
**Double Crested—White Queen** .....¼-oz., 50c; pkt., 15c  
**Double Crested—Mixed** .....¼-oz., 45c; pkt., 15c

**COBEA SCANDENS—Cup and Saucer Vine**

A half-hardy climbing annual, with large leaves and large trumpet-shaped flowers; the blossom is green until nearly grown, when it turns bright purplish blue—grows about 20 feet high and is very desirable for covering a large lattice. A native of Mexico. Pkt., 10c; ¼-oz., 50c.

**CHEIRANTHUS ALLIONI**—See Wallflower, Siberian

**CLARKIA**

Beautiful hardy annual with rose-colored, white and purple flowers, in delicate but very brilliant shades, is a popular garden and cut-flower plant, very showy in borders, hanging baskets or vases. They thrive equally well in partial shade or sun. 2 to 2½ feet, and are profuse bloomers. The blooms are abundant, in small leafy racemes, and open well in water when cut. A fine annual for cool climate. Sow in light, warm soil, as early in the spring as the ground can be worked, or if planted in August they will bloom the following summer. Double mixed. Pkt., 10c; ¼-oz., 35c; ½-oz., 55c; oz., 95c.

**CONVOLVULUS MAJOR—Tall Morning Glory**

A hardy climbing annual growing about 10 feet high. Flowers are known and exist in a great variety of colors, tints and markings. Fully expanded only in the mornings. Of easy culture, quick growth and valuable in every garden.

Rose .....	Pkt., 10c; ½-oz., 20c; oz., 35c
White .....	Pkt., 10c; ½-oz., 20c; oz., 35c
Striped .....	Pkt., 10c; ½-oz., 20c; oz., 35c
Crimson .....	Pkt., 10c; ½-oz., 20c; oz., 35c
Purple .....	Pkt., 10c; ½-oz., 20c; oz., 35c
Blue .....	Pkt., 10c; ½-oz., 20c; oz., 35c
1 pkt. each of the above six varieties.....50c	

Tall Mixed—Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 75c.

**CONVOLVULUS MINOR****Dwarf Morning Glory**

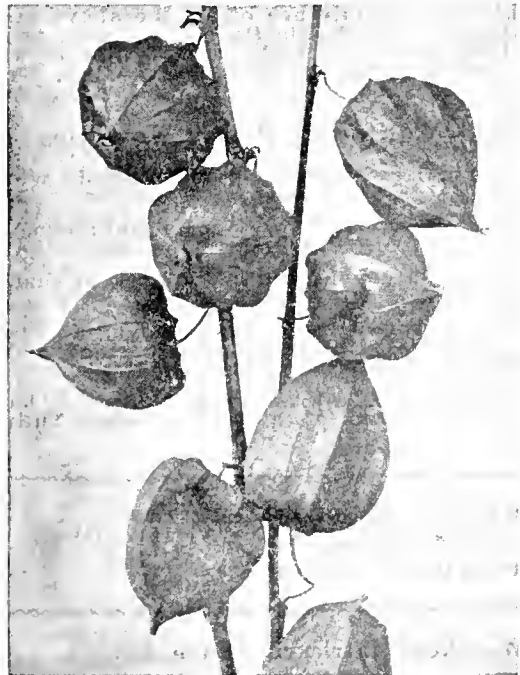
A very early flowering annual with brilliant flowers. Of very easy culture. **Finest Dwarf Mixed**—Pkt., 5c; ½-oz., 15c; oz., 25c.

**CONVOLVULUS — JAPANESE MORNING GLORY**  
 (See Ipomea, Page 61)
**COREOPSIS LANCEOLATA**

A very hardy perennial, blooming the first year and producing on long stems a succession of rich bright yellow flowers two or three inches across. Very valuable for cutting. Seed may also be sown in fall outdoors. About two feet. Pkt., 10c; ¼-oz., 35c; ½-oz., 60c.



Coreopsis

**CHINESE LANTERN PLANT—Physalis Franchetti**

Chinese Lantern Plant

The Chinese Lantern Plant is grown for its showy scarlet-red seed-pods which are easily dried for winter bouquets. The plants are perfectly hardy, blooming during June and July. The flowers are white. Easily grown in any kind of soil whether sunny or semi-shaded. Perennial. Pkt., 15c; ¼-oz., 35c; ½-oz., 55c; 1-oz., 95c.

**StimUplant**  
Makes a  
Wonder Garden

**COLUMBINE****Aquilegia**

Of easy culture and when once established will furnish for many years a magnificent display of the handsomest flowers each spring and summer. Hardy perennial.

**Chrysantha**—(Golden Spurred)—Golden yellow. Pkt., 10c; ½-oz., 50c.

**Coerulea**—(Rocky Mountain Blue Columbine)—Violet blue and white. Pkt., 15c; ½-oz., 50c.

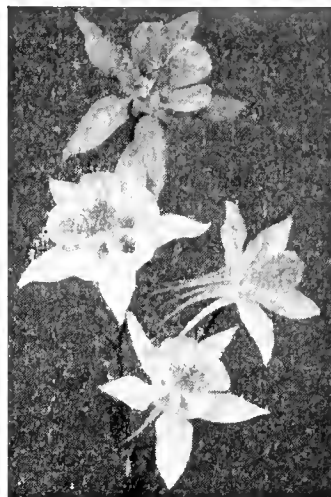
**Double Mixed**—Pkt., 10c; ¼-oz., 30c.

**LONG SPURRED COLUMBINE**

While all the varieties of Columbines are beautiful and much admired, this strain of long-spurred is unquestionably the finest yet produced. The plants are of strong, thrifty growth with flowers of largest size.

**Pink Shades**—A lovely strain with large flowers. Pkt., 20c; ½-oz., 75c.

**Long-Spurred Hybrids**—Fine long-spurred flowers during June in shades and combinations of pink, red, blue, and yellow. Mixed. They make excellent cut-flowers. Pkt., 15c; ½-oz., 65c.



Columbine

**CYPRESS VINE—Ipomea Quamoclit**

A hardy, rapid-climbing annual, with feathery foliage, bearing bright scarlet and white flowers very profusely. Mixed. Pkt., 5c; ½-oz., 30c; oz., 50c.

**CYNOGLOSSUM—Chinese Forget-Me-Not**

Lovely rich blue. It thrives in a dry sunny location where few other flowers will make a show and blooms continuously from June until September. The plants grow 20 inches tall. Sow the seed during May, covering it with ¼-inch of fine soil. Hardy annual. Pkt., 15c; 1/16-oz., 45c; ¼-oz., 75c.

**DAISY—Bellis—English Daisy**

A low-growing early spring flowering plant. Very desirable for edging or borders. Daisies are indispensable for cool shady places and are easily raised from seed. A favorite hardy perennial.

Double mixed, pkt., 10c; ½-oz., 50c.

**Giant or Monstrous—**

A new strain of Double Daisy with flowers fully twice the size of the ordinary sorts. This strain will soon supersede entirely the older varieties. Colors white or rose. Pkt., 15c; ½-oz., 65c.

**DAISY — Shasta—**  
(See Chrysanthemum, Page 56).



English Daisy

**DAHLIA**

Few people know Dahlias can be raised from seed and will bloom the first year. Sow the seed in a shallow box early in March or April. When danger of frost is over, plant them in the bed or border in the garden. Seed may also be sown out of doors between the first and fifteenth of May.

**Double**—Choice mixed colors. Flowers of excellent form. Mixed. Pkt., 15c; 1/16-oz., 35c; 1/8-oz., 60c.

**Single**—Seed saved from the choicest varieties. Mixed. Pkt., 10c; 1/16-oz., 25c; 1/8-oz., 40c.

**NEW DAHLIA—Coltness Hybrids**

A splendid new class of single Dahlias. They are of neat, compact habit, averaging only about 18 inches high, and bearing a full and continued succession of bloom from July until frost. The flowers have flat or slightly fluted petals, and vary in size, being mostly about 3 inches in diameter. Their



Delphinium—Perennial Larkspur

colors embrace light and dark scarlet, crimson, blood-red, yellow, white, purple, mauve, and brick-red; bizarre combinations, such as scarlet tipped white, yellow striped white, yellow flushed red, also occur. Excellent as a novel bedding plant and for the rock garden. Mixed. Pkt., 25c; 5 pkts., \$1.00.

**DELPHINIUM****Perennial or Hardy Larkspur**

These are some of the most handsome and useful hardy plants, and for the perennial border are invaluable. Excellent for cut flowers, producing large, long spikes of beautiful flowers of varying shades of blue. If seed is sown early in the spring some will blossom the first year but of course the second and succeeding years the flowers are far superior. Hardy perennial.

**Formosum**—Dark Blue—This is the old favorite dark blue Larkspur, and one of the best. Hardy perennial. Four feet. Pkt., 20c; 1/16-oz., 50c; 1/8-oz., 85c.

**Belladonna**—Light Blue—A very free and continuous bloomer, with flowers of a turquoise blue. Hardy perennial. Four feet. Pkt., 20c; 1/16-oz., 50c; 1/8-oz., 85c.

**Delphinium**—Finest Mixed—In a great variety of charming colors. Pkt., 15c; 1-16 oz., 25c; 1/8-oz., 40c; 1/4-oz., 65c.

**FOR ANNUAL VARIETIES SEE LARKSPUR (Page 61)**

**DIDISCUS**—(See Blue Lace Flower, Page 55)

**DOLICHOS—Hyacinth Bean**

**Daylight**—This is a white form of the well known Hyacinth bean, and of most rapid growth and very free blooming habit. It has been known to bloom in 8 weeks from the time of sowing. Height ten feet. Annual. Pkt., 10c; oz., 35c.

**Scarlet**—A scarlet type of the same rapid growth as the preceding variety and very free flowering. Annual. Pkt., 10c; oz., 35c.

**EUPHORBIA—Snow-on-the-Mountain**

The crown of each plant produces small flowers beautifully set off by the top-leaves which are marked with broad white bands on a rich green ground. Grows 2 feet tall and is fine for beds and borders. Sow where to bloom as the plants grow best without transplanting. Pkt., 10c; 1/4-oz., 25c; 1/2-oz., 40c; oz., 70c.

**EVENING PRIMROSE**—(See Oenothera, Page 63)

**EVENING SCENTED STOCK**—(See Matthiola Bicornis, Page 62)

**ECHINO CYSTIS LOBATA**—(See Wild Cucumber)

**EUTOCA—Viscida**

Intense blue. Foliage dull green, covered with hairs; blooms blue and striped 1/4 of an inch across, produced in terminal racemes. Succeeds best in warm sandy soil, not over rich. Sow in open ground early in spring, and thin to one foot apart. Hardy annual, one foot high. Valuable for bees. Pkt., 5c.

**FOUR O'CLOCK—Marvel of Peru**

These flowers are funnel-shaped. Red, white, yellow or striped with these colors and open about four o'clock in the afternoon, remain open all night and generally close about noon next day. The abundance of new flowers produced daily affording constant succession of fine blooms. Sow seed in open ground. Hardy annual; two feet high. Mixed. Pkt., 5c; oz., 25c

**FORGET-ME-NOT**—(See Myosotis, Page 62)

**FORGET-ME-NOT**—Chinese—(See Cynoglossum)

**DIANTHUS OR PINKS**

One of the most popular flowers in cultivation, producing a wonderful variety of bloom in most brilliant colors, and are most profuse bloomers. If early plants are desired the seed may be started in the house, but they do exceptionally well started outside between the first and fifteenth of May. In a very short time they will be a mass of blossom continuing until cut down by frost. The double types are almost as useful as Carnations for cut flowers, and all will succeed in almost any kind of good soil, if given a sunny location. 12 inches in height.



Dianthus or Pinks—Single

**SINGLE ANNUAL VARIETIES**

**Crimson Bell**—Rich velvety crimson. Pkt., 10c; 1/4-oz., 45c.

**Eastern Queen**—Beautifully marked with rose and mauve. Pkt., 10c; 1/4-oz., 45c.

**Heddewigii**—(Single Japan Pink)—Flowers of the most wonderful coloring, beautifully marked. Mixed colors. Pkt., 5c; 1/4-oz., 25c; 1/2-oz., 40c.

**DOUBLE ANNUAL VARIETY**

**Heddewigii Fl. Pl.**—(Double Japan Pink)—Very large and double flowers of brilliant colors. Mixed. Pkt., 10c; 1/4-oz., 40c; 1/2-oz., 70c.

**Chinensis Fl. Pl.**—(Chinese or India Pink)—Blossoms in clusters, with a brilliant assortment of colors. Pkt., 10c; 1/4-oz., 35c.

**HARDY GARDEN PINK**

**Plumarius**—(Hardy Perennial Pink, Grass Pink, Scotch Pink, Clove Pink or Pheasant's Eye)—A single hardy perennial pink with fringed edge, light colored flowers with a darker center variously colored. The old-fashioned garden favorite. Pkt., 10c; 1/8-oz., 30c; 1/4-oz., 50c.

**ESCHSCHOLTZIA****California Poppy**

A very attractive, profuse blooming hardy annual, for beds, edging or masses. Blooms from early summer until frost. Should be grown in every garden. Height one foot.

White .....Pkt., 10c; 1/4-oz., 30c  
Rose Queen ....Pkt., 10c; 1/4-oz., 30c  
Crimson King Pkt., 10c; 1/4-oz., 30c



California Poppy

**Aurantiaea (True California Poppy)**—Rich golden orange; flowers very large. Pkt., 10c; 1/4-oz., 30c; 1/2-oz., 50c.

**Fine Mixed**—Contains white, yellow, and orange shades. Pkt., 5c; 1/2-oz., 15c; oz., 25c.

**Peerless Mixed**—A well-balanced mixture of all the above and many other fine varieties of California Poppies. Grown as a border or as solid beds they will make a fine display all during the summer and fall, lasting until frost. Pkt., 10c; 1/4-oz., 20c; 1/2-oz., 30c; oz., 50c.

**ESCHSCHOLTZIA—California Poppy Novelties**

**Tango**—Bronze-red overlaid terra-cotta, a popular shade with the ladies. Pkt., 15c; 1/4-oz., 50c.

**Mauve Beauty**—A delicate new color, previously unknown, a beautiful shade of pure mauve. Pkt., 15c; 1/4-oz., 50c.

**Purple Glow**—A bright reddish purple, and is the darkest shade obtained so far. Pkt., 15c; 1/4-oz., 45c.

**Lovely**—A lovely tone of bright rose pink suffused with salmon, the blooms have a satiny appearance, which adds very much to the effect LOVELY. Pkt., 15c; 1/4-oz., 50c.

**Scarlet Beauty**—The brightest of all. A deep scarlet, it has the appearance when in bloom of a vivid scarlet Tulip. Pkt., 15c; 1/4-oz., 45c.

**COLLECTION OF CALIFORNIA POPPIES**

One packet each; Tango, Mauve Beauty, Purple Glow, Lovely, Scarlet Beauty. Value 75c.

**POSTPAID FOR 60c**

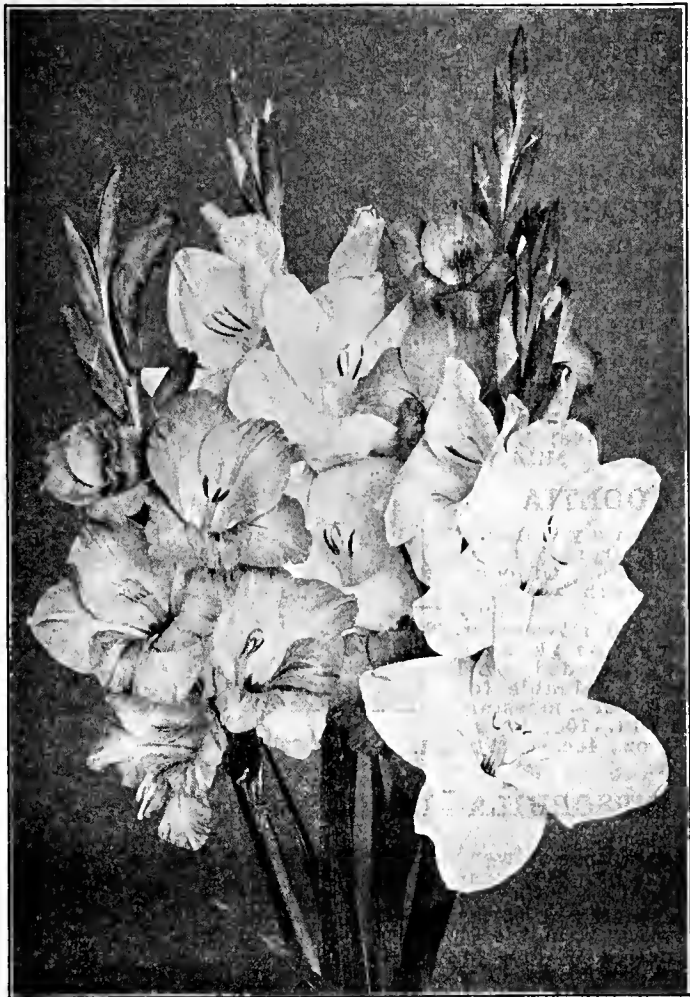
**FEVERFEW**—(See Matricaria, Page 62)

**BUSH ESCHSCHOLTZIA**—(See Hunnemannia, Page 60)



## S. N. & S. CO'S. PEERLESS GLADIOLUS BULBS

There is no other Summer flowering bulb that is enjoying such great popularity as that of the Gladiolus. Their adaptability to garden decoration or for use as cut flowers during the summer and early autumn is surpassed by no other flower. They are not only showy in the garden but when cut with the first flower open, will last for 10 days in the house. They thrive in almost any good garden soil but better results may be had if soil is well prepared and enriched with some of our pulverized manures. Great improvements have been made in the size, color and beauty of these flowers. Our list comprises the best of recent introductions as well as the most popular of the standard varieties. Plant bulbs 4 inches deep and 6 inches apart. In the fall before frost, the bulbs should be lifted and the stems cut off. Place the bulbs in a cellar or some place away from the frost until planting time in the spring. **Notice—We offer first size bulbs only. All Gladiolus Bulbs are Postpaid.**



Gladiolus—Le Marcechal Foch—E. J. Shaylor

**America**—One of the best Gladiolus in existence. The color is a beautiful flesh pink, tinged with lavender. The flowers are of the largest size, the petals are round, thick and strong, and will last a long time after being cut. A very free bloomer. 3 for 15c; doz., 50c; 100 \$3.50.

**Halley**—A very large well expanded flower of a lovely salmon pink, blotched yellow, with carmine markings. 3 for 20c; doz., 70c; 100, \$4.25.

**Louise**—The lavender queen among gladiolus. Beautiful shade of lavender growing lighter towards the center. Extra fine. 3 for 45c; doz., \$1.25; 100, \$8.00.

**Le Marcechal Foch**—One of the most wonderful novelties; flowers of immense size and well opened; color, rose pink, flaked and striped deeper at edges of petals. It is a most unusual and striking flower and is universally admired. 3 for 25c; doz., 75c; 100, \$5.00.

**Mrs. Francis King**—A most beautiful flame pink. Immense flowers on a spike growing 4 feet high, with from 18 to 20 flowers, 6 to 8 being opened at one time; a popular variety on account of its attractive color. One of the most exquisitely colored and formed Gladiolus in our list. 3 for 20c; doz., 60c; 100, \$4.00.

**Peace**—A grand pure white flower with just a slight marking of a lilac feather on the lower petal. The plant is very robust, 5 feet high and shows enormous flowers, well placed all along the stem. 3 for 25c; doz., 70c; 100 \$5.00.

**Mrs. Leon Douglas**—Ground color Begonia-rose striped with flame and brilliant scarlet. Lip is pale lemon slightly speckled with ruby. The size of the flowers, we believe, is the largest in existence. 3 for 35c; doz., \$1.10; 100 \$7.50.

**Anna Eberius**—An extra fine variety; color rich velvety purple with a deep purplish red blotch on the lower petals; flowers large, on long spikes. 3 for 25c; doz., 80c; 100 \$5.50.

**Byron L. Smith**—Delicate lavender deepest at the edges of the petals and shading towards white in the center; gives the impression of an orchid—a real gem. 3 for 30c; doz., \$1.00; 100, \$7.00.

**Crimson Glow**—One of the best scarlet varieties, throat overlaid with a velvety scarlet blotch. Large wide open flowers with enough open at a time to make it attractive; good form and keeps well as a cut flower. 3 for 25c; doz., 75c; 100, \$5.25.

**E. J. Shaylor**—A tall strong growing variety with large flowers; color, a beautiful shade of pure deep rose-pink with well ruffled edges; one of the best of its color. 3 for 25c; doz., 75c; 100, \$5.00.

**Fair Columbian**—Mallow purple, shading lighter in throat; a magnificent flower produced on tall, stately spikes, many blooms opening at one time. Excellent for forcing, flowering very early. 3 for 30c; doz., \$1.00; 100, \$7.00.

**Golden Measure**—Tall spike with many large, pure golden yellow flowers; several of the flowers are in bloom at one time; a winner at exhibitions. 3 for 30c; doz., \$1.00; 100, \$7.00.

**Los Angeles**—Shrimp pink with orange-carmine throat. 3 for 25c; doz., 80c; 100, \$6.00.

**Mary Pickford**—Delicate creamy white; throat finest sulphur yellow; very distinct and beautiful. 3 for 25c; doz., 80c; 100, \$6.00.

**Orange Queen**—Apricot-orange. This quite new shade without any competition and the excellent substance of this variety bought by every one who has seen it. 3 for 30c; doz., \$1.00; 100, \$7.00.

**Scarlane**—Scarlet blotched ox-blood red in throat; beautifully ruffled; a fine acquisition. 3 for 30c; doz., \$1.00; 100, \$7.00.

### S. N. & S. Co's. COLLECTION

1 each of above 10 varieties, 10 bulbs .....	\$1.00
3 each of above 10 varieties, 30 bulbs .....	\$2.75

**Prince of Wales**—Beautiful salmon pink; flowers large and well placed; an early flowering sort. 3 for 25c; doz., 75c; per 100, \$5.00.

**Rose Ash**—The blooms are a soft light rose suffused with an elusive combination of gray, blue and yellow, combining into an iridescent gray; gracefully placed on strong stems. 3 for 30c; doz., \$1.00; 100, \$7.00.

**Virginia**—An exquisite flaming scarlet, large massive flowers, many open at a time, making a gorgeous display of dazzling red. Won first prize at the American Gladiolus Society's show. 3 for 25c; doz., 75c; 100, \$5.00.

### Collection of Gladiolus, one each of the Twenty Varieties Listed, \$1.75 Postpaid

3 Each Twenty Varieties Listed, \$5.00 Postpaid

### S. N. & S. Co's. PEERLESS GLADIOLUS MIXTURE

A mixture of the best Giant Flowered sorts in a wide range of shades and colors, and includes many named varieties of special merit. One of the most satisfactory mixtures of Gladioli obtainable and one that is sure to give satisfaction. Doz. 50c; 25, 95c; 50, \$1.90; 100, \$3.65.

**THE BOOK OF BULBS**, by F. F. Rockwell. With this complete and practical book you can get the utmost in beauty from every kind of bulbous plant. Clearly written by one who knows; illustrated with 187 beautiful photographs and instructive drawings. Includes tulips, daffodils, hyacinths, lilies, crocus, gladiolus, dahlias, peonies, irises, begonias, and scores of other beautiful but not-so-well-known bulbs. We recommend it as the best and most complete bulb book. 187 illustrations, 264 pages. \$2.00.

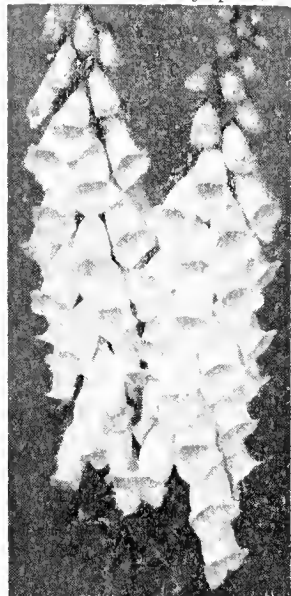
ALL GLADIOLUS BULBS ARE POSTPAID

TRY A PLANT OF THE NEW BREAK O' DAY TOMATO—SEE PAGE 48

**FOXGLOVE—Digitalis**

Grows to the height of three or four feet, with dense spikes of brilliantly colored flowers, which are terminal and half as long as height of plant. Colors: White, Lavender and Rose. A valuable flower in every perennial garden, does not usually blossom until the second year. Hardy biennials or perennials. Mixed—Pkt., 10c; 1-16 oz., 25c; ½-oz., 45c.

**Gloxiniiflora**—This type of similar growth to the preceding variety, bears beautifully spotted flowers resembling the Gloxina. Hardy perennial. Pkt., 15c; 1-16 oz., 35c; ½-oz., 60c.



Foxglove

**GIANT SHIRLEY FOXGLOVE**

This magnificent strain was raised by the late Rev. W. Wilks, to whom we are also indebted for the Shirley Poppies, and is unquestionably the greatest improvement ever made in Foxgloves. The very vigorous plants attain a height of 5 to 7 feet, with spikes of bloom 4 feet in length, closely set with flowers of unusual size, ranging in color from the purest white to dark rose, handsomely spotted and blotched with crimson, maroon, and chocolate. This is certain to supersede all other strains of Foxgloves. Seed sown this spring will produce plants that will make a glorious show next season. Hardy perennial. Mixed. Pkt., 15c; 1-16 oz., 45c; ½-oz., 75c.

**StimUplant**  
Makes a  
Wonder Garden

**GLADIOLI BULBS—(See Page 59)****GOURD****Both Useful and Ornamental**

A tribe of climbers with curiously shaped and colored fruit. Being of rapid growth they are fine to cover old fences, trellises, stumps, etc. Tender annual; ten to twenty feet high.

**Hercules Club**—Distinctly club-shaped, the longest of all varieties. Pkt., 10c; ½-oz., 25c; oz., 40c.

**Japanese Nest Egg**—Used as nest eggs; fruits are white, do not crack, and are not injured by heat or cold. Pkt., 10c; ½-oz., 25c; oz., 40c.

**Sugar Trough**—Has durable thick shell, and is often used for dishes and other household utensils. Pkt., 10c; ½-oz., 25c; oz., 40c.

**Dipper or Siphon**—Greatly used for dippers, fruits long and bottle shaped, with straight or slightly crooked neck. Pkt., 10c; ½-oz., 25c; oz., 40c.

**Gourds—Mixed**—Pkt., 5c; ½-oz., 25c; oz., 40c.

**GAILLARDIA—Blanket Flower**

Gaillardia—or (Blanket Flower)

**Single Mixed**—Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing to bloom from early summer till November; excellent for cutting. 1¼ feet high. Annual. Pkt., 5c; ¼-oz., 25c; ½-oz., 40c.

**Grandiflora Superb Mixed**—Beautiful flowers with yellow tips and crimson centers. A splendid combination. 2 feet high. Hardy perennial. Pkt., 10c; ½-oz., 25c; ¼-oz., 40c.

**Double Mixed**—One of the prettiest and best early-flowering annuals. These are variously and gayly colored in shades of yellow, orange, brown, bronze, and deep maroon. The deeper colors are usually tipped with contrasting shades of yellow and creamy white. Pkt., 10c; ¼-oz., 30c; ½-oz., 50c.

**GREVILLEA  
Silk Oak**

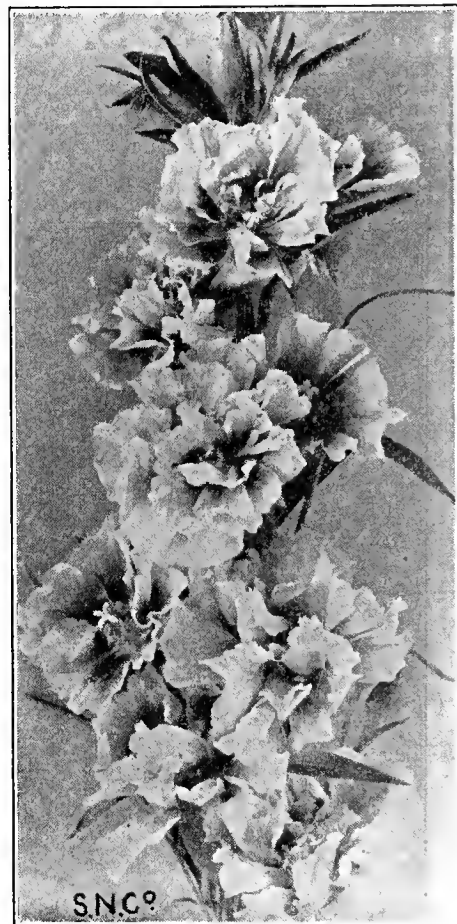
**Grevillea Robusta**—A beautiful plant for decorative purposes of quick growth and very easy culture. The leaves are very light bronze color, the tips being covered with a soft down resembling raw silk, from which it derives the name of Silk Oak. For the house it is unsurpassed. Pkt., 10c; ½ oz., 35c; ¼ oz., 55c; ½ oz., \$1.00.

**GERANIUM**

**Zonale Mixed**—A superb strain of the largest and finest varieties. Very interesting to grow from seed which should be started indoors and transferred to the open when safe from frost. Pkt., 15c; 1-16 oz., 40c; ½ oz., 65c; ¼ oz., \$1.10.

**GODETIA**

A hardy annual growing from 6 to 10 inches high. Of compact growth with a profusion of satiny cup-shaped flowers, in deep red, pink and white, shaded and blended. Valuable for bedding or massing. Mixed Pkt., 10c; ½ oz., 25c; ¼ oz., 40c.



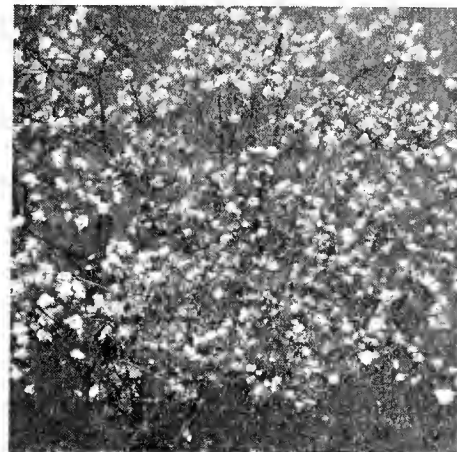
Godetia

**GYPSOPHILA—Baby's Breath or Bridal Veil**

Delicate, free flowering little plants covered with a profusion of white, small star-shaped flowers. Valuable in conjunction with other flowers for making bouquets. Will thrive anywhere. An annual that should be in every garden. Pkt., 5c; ½ oz. 20c; oz., 35c.

**Elegans Rosea**—Similar to the white, but the flowers are a fine rose. A profuse bloomer that mixes well with other annuals. Pkt., 10c; ½ oz., 20c; oz., 35c.

**Paniculata**—Perennial. A graceful, hardy plant, fine for cutting for bouquets; flowers in feathery white panicles, height, one and one-half feet. Pkt., 10c; ¼ oz., 30c.



Gypsophila

**HELIOTROPE**

Every one loves the delightful fragrance and beauty of the Heliotrope, but few know that it can easily be raised from seed. To inspire a long period of bloom, the seed should be sown indoors and the plants set out in rich, well-prepared soil when the maples are in full leaf. A splendid bedding or house plant. Mixed. Pkt., 10c; ½-oz., 50c; ¼-oz., 85c.

**HUNNEMANNIA—Bush Eschscholtzia**

Also known as the Santa Barbara Poppy. An erect growing tender perennial, about 2 feet high. Foliage finely cut and about 3 to 4 inches across. Stems long and smooth. A very satisfactory flower in the garden. Pkt., 10c; ¼-oz., 30c; ½-oz., 50c.

**HUMULUS—Japanese Hop**

Variegated Japanese Hop. Quick growing vine for veranda or trellis. Annual; not subject to insect pests; very handsome; stands drouth well. Twelve feet. Pkt., 10c; ¼-oz., 30c; oz., 50c.

**HYACINTH BEAN—(See Dolichos, Page 58)**

MOTHER'S GARDEN COLLECTION OF HARDY PERENNIAL FLOWER SEEDS—See Page 73

OUR IRIS COLLECTIONS WILL SURPRISE YOU—SEE PAGE 29



Hollyhock

HOLLYHOCK

Chater's Double Varieties

Our seeds of this have been saved from the finest and largest double flowers only, and will produce flowers extremely double and in the best, brightest and most charming colors. Sow in April, May or June for next year's blooming perennials. Four to six feet.

- Blood Red .....Pkt., 10c
- White .....Pkt., 10c
- Pink .....Pkt., 10c
- Yellow .....Pkt., 10c
- Rose .....Pkt., 10c
- Maroon .....Pkt., 10c
- Crimson .....Pkt., 10c

Any of the above varieties:  
1/8-oz., 35c; 1/4-oz., 55c.

Chater's Double Mixed  
Pkt., 10c; 1/8-oz., 30c; 1/4-oz., 50c.

COLLECTION OF DOUBLE HOLLYHOCK

One packet each, Pink, White, Blood Red, Rose, Maroon, Crimson, and Yellow. Value 70c.  
POSTPAID FOR 50c

SINGLE ANNUAL VARIETIES

HOLLYHOCK—Annual—Single Mixed—Pkt., 10c; 1/8-oz., 30c.

For Hollyhock Plants—See Hardy Perennials, Page 28

ICE PLANT

Pretty summer trailing annual for vases and rock work, leaves covered with ice-like drops. Very useful for garnishing. Pkt., 10c; 1/4-oz., 25c.

IPCMEA

Bona Nox—(Evening Glory or Good Night)—Large fragrant violet blossoms expanding in the evening. Pkt., 10c; oz., 30c.

Mikado—(Japanese Morning Glory)—New Improved Japanese Convolvulus of grand variety, flowers measuring from 4 to 5 inches across, great variety of colors, very handsome foliage. Pkt., 10c; oz., 30c.

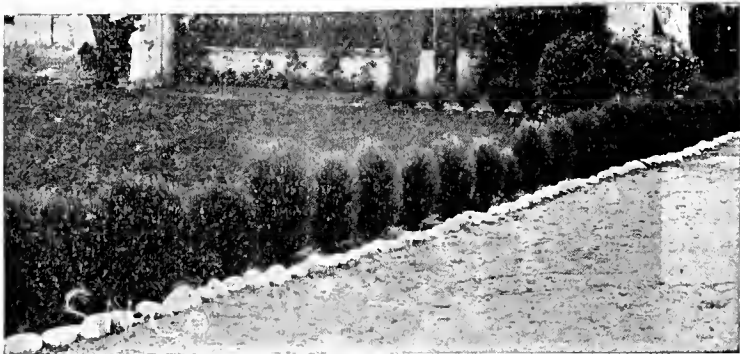
IPOMEA QUAMOCLIT—(See Cyprus Vine—Page 57)

IPOMEA NOCTIFLORA—(See Moonvine—Page 62)

KENILWORTH IVY—Linaria—Creeping Charlie

A charming trailing plant, especially adapted for hanging baskets. Flowers lavender and purple, very pretty. Tender perennial. Pkt., 10c; 1/4-oz., 50c.

KOCHIA—Burning Bush or Summer Cypress



Hedge of Kochia, Burning Bush or Summer Cypress

Grows quickly from seed sown in the open ground. The plants are of rounded or globe-like form. Early in the fall the end of the shoots are thickly set with small bright scarlet flowers; the bushy plants resembling balls of fire; makes a very good summer hedge also known as summer cypress. Hardy annual. Three feet. Pkt., 5c; 1/4-oz., 25c; 1/2-oz., 35c; oz., 60c.

THE GARDEN CLUB MANUAL, by Edith R. Fisher. Practical, tested information on every detail of the organization and management of garden clubs, including model constitutions, program suggestions, complete directions for staging flower shows, civic improvement projects, and junior garden clubs. \$2.00.

KUDZU VINE—Pueraria Thunbergiana

To this must be awarded first place as the fastest growing hardy climbing plant. It will grow 8 to 10 feet the first year from seed, and after it becomes established there seems to be no limit to its growth. Its foliage is large and covers well; bears small racemes of rosy-purple, pea-shaped blossoms towards the close of August. A splendid climber for covering permanently verandas, dead trees, etc. Hardy perennial. Pkt., 10c; 1/4-oz., 35c; 1/2-oz., 55c.

LARKSPUR  
Hardy Annual

This hardy annual is one of the best of garden plants. Sown indoors early in the season, and transplanted to the open ground as soon as safe from frost, or sown in the open ground about May 15, will produce blooming plants in July and August, which will continue in flower until frost. A splendid cut flower.



Larkspur—Annual

Empress Rose—New—A rich rhodonite pink changing to hermosa pink with no trace of mauve. This magnificent new strain is a double everblooming, super-branching Larkspur, and grows over six feet tall. The mammoth florets are well placed on the stem, not overcrowding, and coming practically 100 per cent true. As a cut flower EMPRESS ROSE is unsurpassed for color, keeping qualities, and for its tall branching habit. Pkt., 15c; 1/4-oz., 50c; oz., \$1.50.

Tall Double Stock Flowered Larkspur—Pure White, Shell Pink, Dark Blue, Carmine. Pkt., 10c; 1/4-oz., 30c.

Larkspur—Finest Mixed, Pkt., 5c; 1/4-oz., 25c; oz., 75c.

Emperor Mixed—The flowers are quite double and of the most beautiful shades. Pkt., 10c; 1/4-oz., 30c; oz., \$1.00.

LARKSPUR COLLECTION

One packet each, white, pink, carmine, blue  
Postpaid for 35c

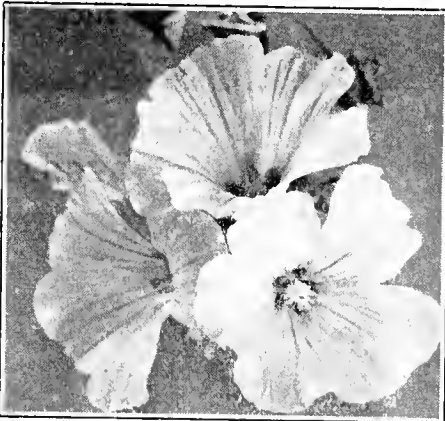
For Perennial Varieties of Larkspur (See Delphinium Page 58)

LAVATERA  
Annual Mallow

The annual Mallow or Lavatera is a charming plant for cool locations, growing 2 1/2 feet high, and covered all summer from July until fall with large bright colored saucer-shaped flowers. Sow the seed outdoors after the weather has become settled, covering them with fine soil.

Splendens Alba—Very large, silky pure white flowers. Pkt., 10c; 1/4 oz., 25c; 1/2-oz., 40c.

Splendens Rosea—Very large, bright rose pink flowers. Pkt. 10c; 1/4-oz., 30c; 1/2-oz., 50c.



Lavatera

LAVENDULA VERA—Sweet Scented Lavender

A well known sweet scented shrub, of dwarf bushy habit. Extremely desirable for its delicious perfume. Hardy perennial. Should be grown in every mixed border. Pkt., 10c; 1/4-oz., 25c.

LINUM—Scarlet Flax

Distinguished for their brilliant colored flowers which are crimson with black center, saucer-shaped, and very conspicuous in bed or border. The foliage of the plant is slender and delicate. Height 1 1/2 feet. Hardy annual. Pkt., 5c; 1/4-oz., 25c.

Perene—A fine deep blue variety, growing about 18 inches. Hardy perennial. Pkt., 10c; 1/4-oz., 20c; 1/2-oz., 35c.

Album—A handsome white variety of the hardy flax. Perennial. Pkt., 10c; 1/4-oz., 25c; 1/2-oz., 40c.

FLOWERS FOR CHILDREN'S GARDENS

If you have never allowed the children to be responsible for a small flower garden, do so this season. Have them keep a record of when seed was planted, when germinated, when flowers bloomed, etc. It will be educational for them, and with flowers from their own garden they may cheer the sick or aged and gladden the hearts of their friends. See Page 74.

HARDY ASTERS—(See page 25)

HELICHRYSUM—(See Straw Flower page 67)

HESPERIS—(See "Sweet Rocket" page 68)





Lupins

**LEPTOSYNE—Yellow Daisy**

**Stillmani**—An easily grown, attractive annual, particularly valued because it blooms early and continuously for many weeks. The Daisy-like flowers are a pure golden yellow color. They are borne on long stems on plants 20 inches tall. Pkt., 15c; ¼-oz., 45c.

**LUPINS**

A very attractive plant with beautiful foliage and long spikes of blossoms. The plant attains a height of 3 feet and forms a pleasing background for other flowers. Of the easiest culture. Sow in the open ground and thin to six inches apart. Desirable for cut flowers. Annual.

Mixed—Pkt., 5c; ½-oz., 25c; oz., 40c.

**LUPINS—Hardy Perennial**

A showy hardy perennial with graceful long spikes of flowers borne during June and July. Excellent for cutting.

Mixed—Pkt., 10c; ¼-oz., 30c; ½-oz., 50c.

**LOVE-IN-A-GROVE**—See *Nemophila* page 63)

**LOVE-IN-A-MIST**—(See *Nigella* page 63)

**StimUplant**  
Makes a  
Wonder Garden

**LOBELIA**

Lobelia

**Crystal Palace—**

Small compact bushes covered with deep azure blue flowers. Makes a very attractive border and blossoms early in the season until frost.

Pkt., 10c; ½-oz., 50c.

**White Gem—**

Dense balls covered with snow-white flowers. Pkt., 10c; ½-oz., 40c.

**LYCHNIS**

Lychnis Chalcedonica (Ragged Robin Jerusalem Cross)

**Chalcedonica —**

Also called **Burning Star**, **Jerusalem Cross**, **Maltese Cross**, **Ragged Robin**—Bright scarlet flowers, handsome for beds and borders. Of easy culture, growing in any rich garden soil, blooming the first year if sown early. Hardy perennial. 2 to 3 feet. Pkt., 10c; ½-oz., 25c; ¼-oz., 40c.

**MIGNONETTE**

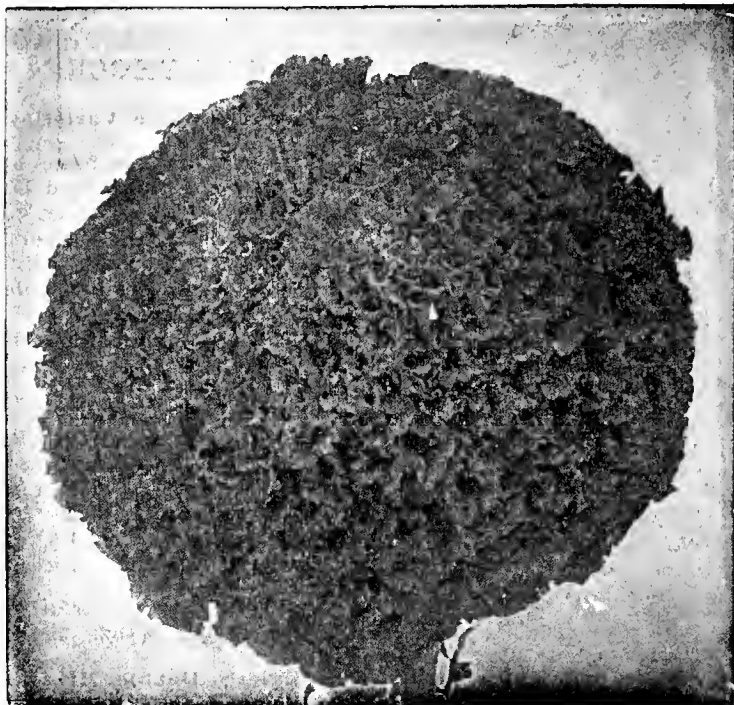
A well known hardy annual producing dense spikes of exceedingly fragrant flowers. Should be planted in light sandy soil, since the fragrance of flowers grown in heavy soil is not nearly as intense. Thrives best in a cool temperature.

**Sweet Scented**—Pkt., 5c; ¼-oz., 25c; ½-oz., 40c; oz., 70c.

**Golden Queen**—Fragrant golden yellow flowers. Pkt., 10c; ¼-oz., 25c; ½-oz., 40c.

**Pure White**—Large white sweet scented. Pkt., 10c; ¼-oz., 25c.

**Victoria**—Giant red. Shows a brilliance of color which is truly surprising in this class of plants. Pkt., 10c; ¼-oz., 25c.



Marigold—Tall African Double

**MARIGOLD—African****TALL—DOUBLE**

Old-time favorites of most easy culture and growth. One of the most showy annuals with their wonderful shades of yellow. Require a light soil and full exposure to the sun to get best results. Three feet.

**Eldorado**—Flowers very large, imbricated and very double, colors in all shades of yellow. Pkt., 10c; ¼-oz., 35c.

**Lemon Queen**—Large flowered variety with lemon yellow flowers. Pkt., 10c; ¼-oz., 35c.

**Orange Prince**—A very large and showy variety, with very double flowers of a rich deep golden-orange color. Pkt., 10c; ¼-oz., 40c.

**Tall African Double Mixed**—Pkt., ¼-oz., 25c; ½-oz., 40c; oz., 70c.

**MARIGOLD COLLECTION**

One packet each, Eldorado, Lemon Queen, Orange Prince, Value 30c.

POSTPAID FOR 25c

**Dwarf French Marigold**—The dwarf French Marigolds rarely exceed one foot in height, and their most beautifully marked flowers of all shades of yellow and brown, are exceedingly attractive. Mixed. Pkt., 5c; ¼-oz., 25c; ½-oz., 40c.

**MATTHIOLA BICORNIS—Evening Scented Stock**

No annual in cultivation equals this in delicate perfume of its flowers. The pink and lilac blossoms partly closed during the day, expand and impart their fragrance in the evening. Include with your order a packet or two of Evening Stock. You will not regret it. 12 to 15 inches. Pkt., 10c; ¼-oz., 25c.



Evening Scented Stock

**MATRICARIA—Feverfew**

A favorite bedding plant and profuse bloomer. Half-hardy perennial. Treat as an annual. Double white. Pkt., 10c; ¼-oz., 35c.

**MEXICAN BURNING BUSH**—(See *Kochia* Page 61)

**MOON FLOWER—Ipomea Noctiflora**

So called from its rare peculiarity of blooming best at night, although it also expands its flowers on dull days. It is a beautiful climber, producing large, sweet-scented flowers 4 to 5 inches across. Tender annuals, 15 to 20 feet. Soak seed and plant in warm sunny place. Pkt., 5c; ½-oz., 30c; oz., 50c.

**MUSK PLANT—Mimulus Moschatus**

Foliage emits a strong musky perfume; pretty yellow flowers, fine for hanging baskets. Pkt., 15c; 1-16 oz., 60c.

**MYOSOTIS—Forget-Me-Not**

Beautiful little plants with star-like flowers; succeeding best in a shady, moist situation; half hardy perennial; blooming the first year from seed if sown early. The true Forget-Me-Not; beautiful blue flowers. Pkt., 5c; 1/8-oz., 25c; 1/4-oz., 40c.

**MORNING GLORY**—(See Convolvulus Page 57)

**MORNING GLORY**—Mikado or Japanese—See Ipomea Page 61

**MOURNING BRIDE**—(See Scabiosa Page 66)

**NASTURTIUMS**

For ease of culture, duration of bloom, brilliancy of coloring and blooming in the greatest profusion even in poor soils a few weeks from the time they are sown until hard frost comes there is endless profusion of gorgeous blossoms. The seeds picked green and pickled in vinegar have a piquant, appetizing flavor that is a valuable addition to relishes or pickles. Do not water much nor sow on rich ground if abundance of bloom is desired.

**TOM THUMB—DWARF OR BEDDING VARIETIES**

**Empress of India**—Rich salmon-scarlet with deep green leaves.

**Golden King**—Rich glowing orange yellow, dark foliage.

**Queen of Tom Thumbs**—Flowers rich purplish crimson.

**Spotted King or Lady Bird**—Yellow, spotted.

**Vesuvius or Salmon Queen**—Salmon-rose, with dark foliage.

**Any of the Above Varieties**—Pkt., 10c; oz., 20c; 1/4 lb., 60c; 1 lb., \$2.00.

**Dwarf Prize Mixture**—Pkt., 5c; 1 oz., 15c; 1/4 lb. 50c; 1-lb., \$1.75.



Tall or Climbing Nasturtiums

**TALL OR CLIMBING VARIETIES**

**Tall Crimson**—Large crimson flowers, dark foliage.

**King Theodore**—Deep maroon with dark foliage.

**Dunnett's Orange**—Deep orange, marked with crimson blotches.

**Jupiter**—Vivid golden yellow.

**Pearl or Moonlight**—Amber or straw yellow flowers, very large.

**Any of the Above Varieties**—Pkt., 10c; oz., 20c; 1/4 lb., 60c; 1 lb., \$2.00.

**Tall Prize Mixed**—Pkt., 5c; 1 oz., 15c; 1/4 lb., 50c; 1-lb., \$1.75.

**NASTURTIUM NOVELTY—(See Page 65)****NEMOPHILA—Baby's Eyes or Love-in-a-Grove**

Of dwarf spreading habit. It is well adapted for border or pot culture. The flowers are exquisitely colored; they are quite apt to sport into an endless variety of shades, from black and blue to the lighter shades. Sow in spring and thin to 1 foot apart. Hardy annual. Mixed. Pkt., 5c; 1/8-oz., 25c; 1/4-oz., 35c.

**NICOTIANA**

**Sanderac — Hybrids**

**Mixed** — Handsome garden plants of the tobacco family, valuable for the long duration of their bloom. Flowers white, carmine, rose and violet; is in full bloom during the day. Very floriferous. Hardy annual. 3 feet. Pkt., 10c; 1/4-oz., 30c.



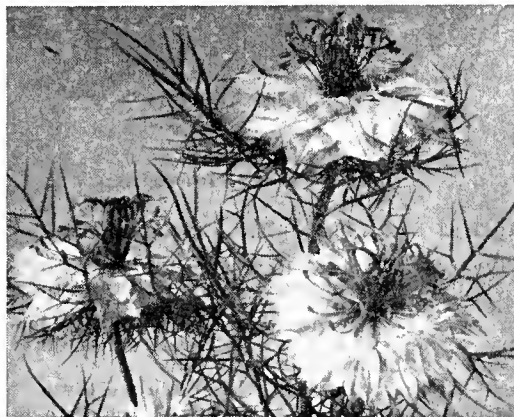
Nicotiana (Flowering Tobacco Plant)

**StimUplant**  
Makes a  
Wonder Garden

**Affinis — Sweet Scented Tobacco Plant** — Delightfully sweet-scented, pure white, tubular flowers, blooming continually; hardy annual, two to three feet. Pkt., 1/4-oz., 25c; 1/2-oz., 40c.

**NIGELLA DAMASCENA****Love-in-a-Mist or Devil-in-a-Bush**

are names given to this pretty, interesting and easily grown annual. This beautiful, unique and little known plant makes a showy and attractive border or mixes well with other Blue or Pink flowers for bedding. The delicate Blue-White flowers surrounded by a feathery mass of foliage suggests "Love-in-a-Mist," and the red crown-shaped horn tipped seed pods suggest "Devil-in-a-Bush." Fine for cutting. Twelve to fifteen inches. Pkt., 5c; 1/4-oz., 25c; 1/2-oz., 40c.



Nigella

**OENOTHERA****Evening Primrose**

This widely known free-flowing annual produces brightly colored single flowers which open on approach of twilight. Watch the Evening Primrose. (Oenothera) drop their calyx and unfold their petals and a wealth of large golden blooms greets us. A combination of red stems with red buds and yellow flowers make it a beautiful and striking plant in any collection of hardy annuals. Blooms from July until frost. Pkt., 10c; 1/4-oz., 30c; 1/2-oz., 50c.



Oenothera—Evening Primrose

**StimUplant**  
Makes a  
Wonder Garden

**SELECT YOUR OWN ASSORTMENT OF FLOWER SEEDS AT REDUCED PRICES**

You may take advantage of reduced prices of any assortment of your own choice of flower seeds in accordance with the following special offer:

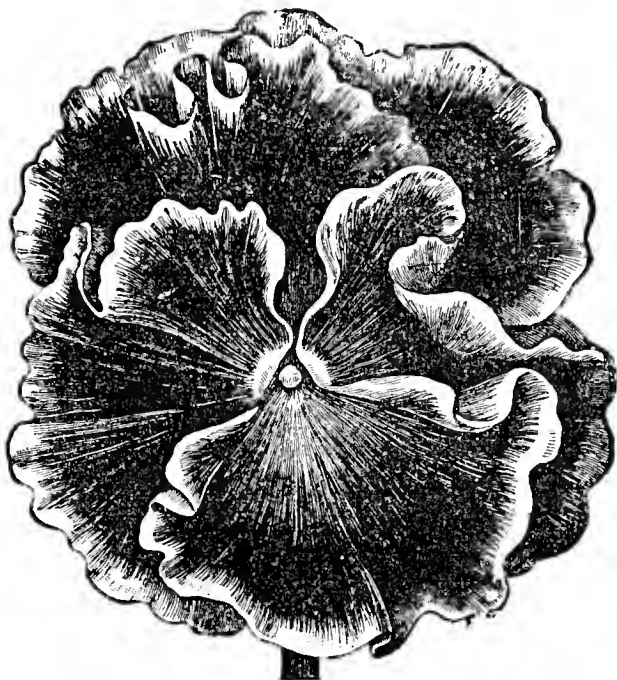
We will send any	We will send any
3—10c packets for...\$ .25	2—15c packets for...\$ .25
6—10c packets for...\$ .50	4—15c packets for...\$ .50
12—10c packets for...\$1.00	8—15c packets for...\$1.00

NASTURTIUMS ARE BEAUTIFUL TRAILING UP A WALL OR FENCE

**S. N. & S. CO'S. GIANT FLOWERING PANSIES**

(The Largest and most Beautiful Shades)

These popular flowers thrive best on a cool but moist well drained soil, enriched with well-rotted barnyard manure or fine ground bone. Seeds sown early will produce fine plants for autumn blooming. The proper method is to sow in July or August and protect the plants during the winter when they will flower continuously the next spring and summer. Our Pansies are renowned as the most beautiful pansies in the world for size and color. In germinating Pansy seed allow plenty of ventilation. Keep your beds moist—quite moist—but not soaking wet until plants come up. Never allow your beds to become dry. Any dryness after seeds sprout is absolutely fatal.

**Pansy—Giant Flowering****Adonis**—Beautiful light blue. Pkt., 10c.

**Fire King**—The lower petals have a broad band of bright golden yellow shaded with orange. Each of the petals has a large blotch of deep mahogany-red, shaded with purplish black in the center. The two upper petals are copper-brown with a narrow edge of bright golden yellow. Fire King is a showy and free-flowering variety. Pkt., 10c.

**Golden Queen**—Large. Best of the pure yellows. Pkt., 10c.

**King of the Blacks**—Almost jet black. Extra fine large flowering. Packet, 10c.

**Lord Beaconsfield**—Top pale lavender, shading to purple violet on lower petals. Very large and exquisitely marked and distinctive. Pkt., 10c.

**Madam Perret**—Petals frilled. Dark wine, pink, and red shades beautifully veined, all with white margin. Pkt., 10c.

**Prince Henry**—An extra fine variety. The largest dark purple. A flower of unusual beauty. Pkt., 10c.

**Prince Bismark**—Beautiful shades of golden bronze. The largest and finest of the bronze Pansies. Pkt., 10c.

**Snowflake**—Extra fine pure white. Pkt., 10c.

Any of the above-named varieties, 1-16 oz., 45c; ¼-oz., 75c

**Masterpiece—Giant Ruffled**—The mammoth size, richness and beauty of colorings and frilled or ruffled character of the petals make "Masterpiece" one of the most distinctive and interesting Pansies. Pkt., 15c; 1-16 oz., 35c; ¼-oz., 55c.

**Cardinal**—This magnificent variety belongs to the Cassier race, having flowers that have a well-defined dark blotch on the three lower petals. Bright cardinal red, shaded with a rich tone of bright mahogany-red toward the center. Pkt., 15c; 1-16 oz., 45c; ¼-oz., 75c.

**Mlle Irene (New)**—A shade never before known to pansies, a henna or tango red, a grand flower with long strong stems. Must be seen to be appreciated. Pkt., 20c; 1-16 oz., 50c; ¼-oz., 85c.

**Pansy—Fine Mixed** Pkt., 10c; 1-16 oz., 25c; ¼-oz., 40c; ½-oz., 65c

**S. N. & S. Co's. Giant Flowering Peerless Mixed**.....Pkt., 15c; 1-16 oz., 35c; ¼-oz., 55c; ½-oz., 95c

**S. N. & S. Co's. Giant Flowering Premium Mixed**.....Pkt., 20c; 1-16 oz., 50c; ¼-oz., 85c; ½-oz., \$1.50

**PANSY COLLECTION**

This collection contains the following six varieties of Giant-Flowered Pansies: Golden Queen, Adonis, Madam Perret, Lord Beaconsfield, Prince Henry, Prince Bismark. One packet each of these six fine large-flowering Pansies (value 60c) will be mailed

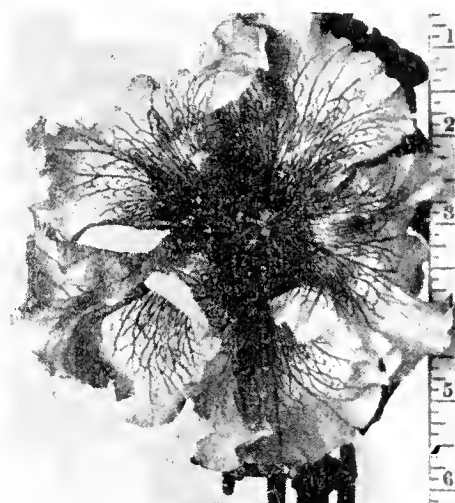
**POSTPAID FOR 50c****PETUNIAS****S. N. & S. Co's.****Double Mixed**

—This is a mixture of the best large flowering and fringed double Petunias. Seed is saved from plants grown in pots, carefully pollenized and will produce grand flowers. Only a certain percentage of double flowers may be expected from seed, varying from 25 to 40 per cent of doubles, while the remainder will be choice large single flowers. The weaker seedlings should be carefully saved, as these very often produce the finest double flowers. Seed very costly. Pkt., 35c.

**Petunia—S. N. & S. Co's. Giant Mixed****SINGLE VARIETIES**

**Fluffy Ruffles**—These Petunias are very large flowered, but the great beauty of the flower is what first commands your attention. The petals are waved and frilled and curled and twisted, giving an extremely dainty and pretty flower. Pkt., 35c.

**Elk's Purple**—A most outstanding variety, with immense flowers of rich deep Elk's purple. The texture of the petals is substantial and of velvety appearance. The blooms are enormously large and heavy. They are most attractively waved, forming, with their large lobes a fine five-fingered star. The velvety black veins add much to the beauty of the magnificent flowers. Pkt., 25c.

**Petunia—(Fluffy Ruffles)**

**Rosy Morn**—A bright rosy pink, with silvery white throat, very charming, compact, and free flowering. Makes a very dainty and effective border. Pkt., 10c; 1-16 oz., 40c; ¼-oz., 65c.

**BALCONY PETUNIAS**

For window or porch boxes, dry banks, terraces, or among rockwork, the Balcony Petunias may be depended upon to supply an unsurpassed floral effect throughout the summer until frost. The flowers measure nearly 3 inches in diameter.

**Balcony Blue**—The flowers open up as a purplish blue, turning to a violet-blue when fully expanded. Pkt., 15c; 1-16 oz., 65c; ¼-oz., \$1.10.

**Balcony White**—A magnificent pure white. Very large. Pkt., 15c; 1-16 oz., 65c; ¼-oz., \$1.10.

**Balcony Rose**—Lovely bright rose flowers with a contrasting white throat. Pkt., 15c; 1-16 oz., 65c; ¼-oz., \$1.10.

**Balcony Mixed**—This mixture contains the three fine varieties described above. Blooms freely and gives a splendid display. Pkt., 15c; 1-16 oz., 65c; ¼-oz., \$1.10; ½-oz., \$1.90.

**PORTULACA—Moss Rose or Sun Plant**

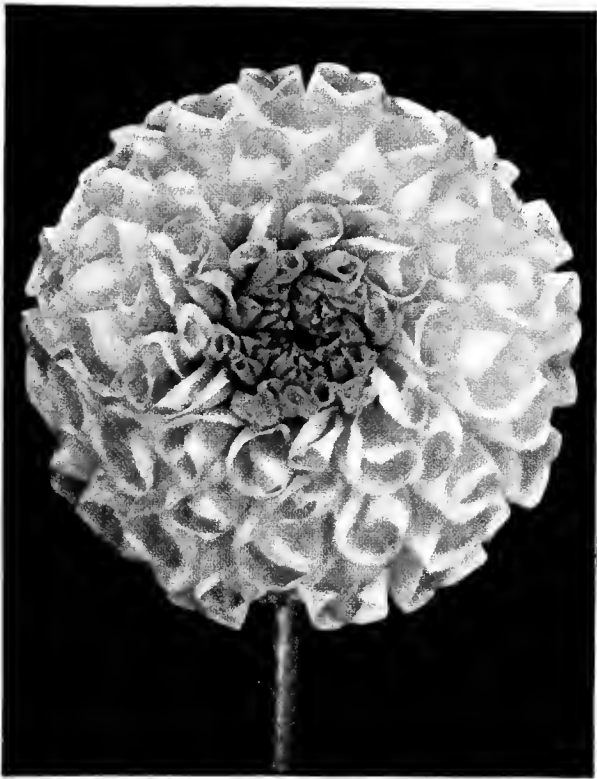
A low growing or creeping tender annual, six to eight inches high. One of our best annuals, of easy culture, thriving best in rather rich light loam or sandy soil, and luxuriating in an exposed sunny situation. The glossy cup shaped flowers are produced in great profusion throughout the summer, and are of the richest colors. Very fine for massing in beds, edgings or rockwork, and is frequently used to sow broadcast over sunny banks. The seed germinates slowly, and should be sown early as soon as the soil is warm. They love the sunshine and do best on rather dry ground.

**Single Mixed**.....Pkt., 5c; ¼-oz., 40c; ½-oz., 75c

**Double Mixed**.....Pkt., 10c; ¼-oz., 50c; ½-oz., 85c

**PHYSALIS FRANCHETTI**—(See Chinese Lantern Plant, Page 57)





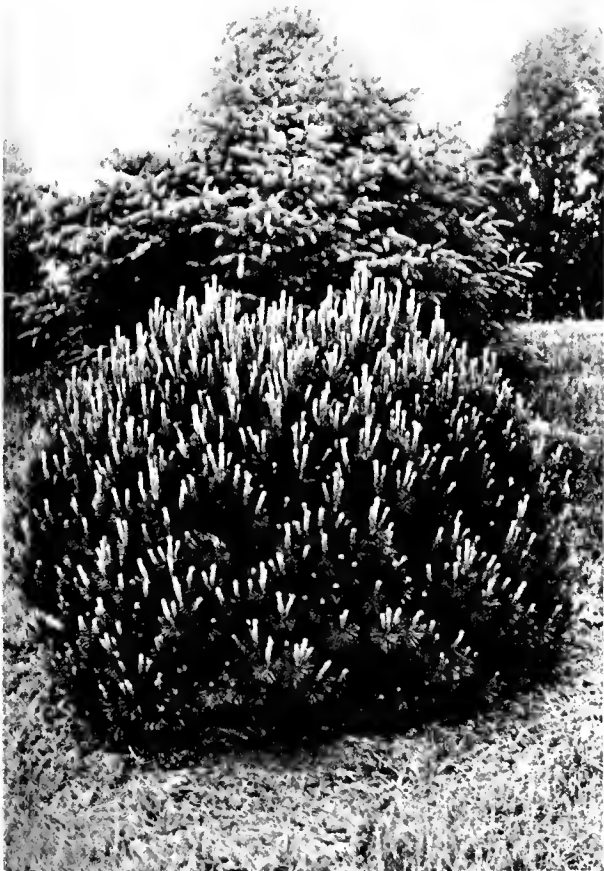
DAHLIA—ELSIE BURGESS



LUDWIG SPAETH—MME. LEMOINE  
CHARLES X  
TREE LILACS



BEAUTY BUSH

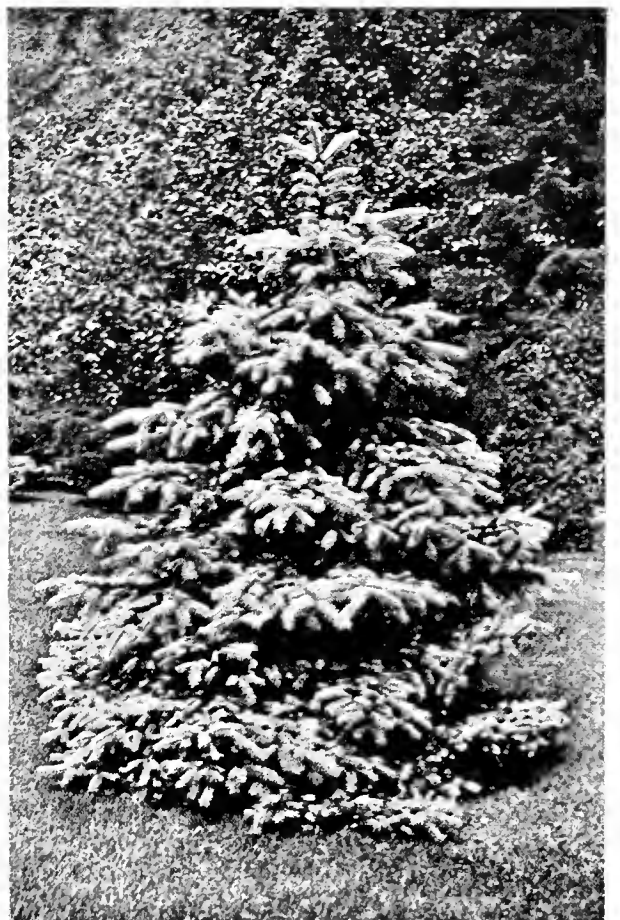


MUGHO PINE

❧

These Flowers,  
Shrubs and Trees  
are Described  
in full in our  
Year-Book  
under their  
Proper  
Headings

❧



COLORADO BLUE SPRUCE



TERRY PLUM

## Peerless Fruit Collection

- |                                |           |              |
|--------------------------------|-----------|--------------|
| 1 Terry Plum Tree              | - - - - - | Value \$1.50 |
| 3 Oregon Champion Gooseberries | - -       | Value 1.95   |
| 1 Wealthy Apple Tree           | - - - - - | Value 1.25   |
| 1 Dozen Latham Raspberries     | - - - -   | Value 1.00   |

Catalog Price **\$5.70** As a Collection **\$5.00**



OREGON CHAMPION GOOSEBERRY



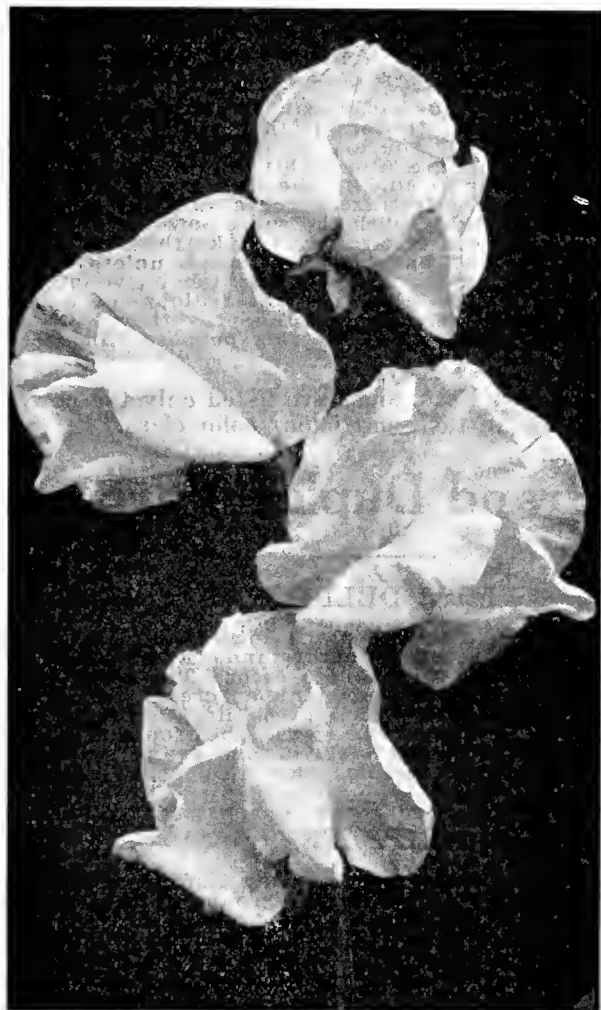
WEALTHY APPLE

For a  
complete  
description  
of the Fruits  
listed  
on this page  
turn to the  
Fruit Section  
of this  
YEAR-BOOK



LATHAM RED RASPBERRY

# S.N. & S. CO'S. SWEET PEA NOVELTIES



Spencer Sweet Pea

## Two Outstanding Varieties of Real Merit

### Welcome

The most brilliant and dazzling scarlet sweet pea yet introduced. Welcome is a grand flower and a glorious color. The color is what most people have in mind when they think of scarlet. It is absolutely sunproof, and the wings are exactly the same shade as the standard, giving the flower its magnificent self color effect. The flowers are large and bold, borne on stout stems produced on a vigorous vine. For exhibition for garden decoration or as a cut flower, Welcome is the deepest and brightest scarlet sweet pea ever introduced.

Packet (about 30 seeds) 25c

### Debutante

A magnificent new shade in sweet peas. The color is difficult to describe, but the general effect is a lovely soft salmon shaded coral or peach pink. It is quite a distinct shade, with subtle tones of color all its own, which simply compel admiration. Under artificial light, the effect is enchanting and there is a treat in store for all who grow Debutante. Flowers are large and bold, borne on stout stems. It flowers almost indefinitely, making it an exceptionally desirable garden variety.

Packet (about 30 seeds) 25c

## NASTURTITIUM

### New Dwarf Double Sweet Scented Golden Gleam

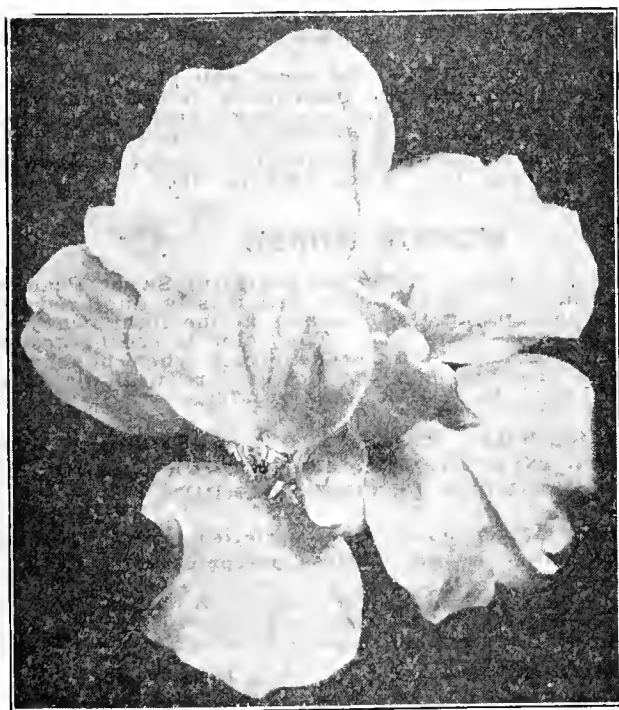
"The Most Talked of Novelty of the Season"

The flowers commence to come as soon as the plant nears complete development, and at the time it is in full bloom the entire plant is a blaze of color. The large golden yellow flowers average two and one half to three inches across. They are borne on erect, stiff stems, six inches in length. Consequently the flowers stand well above the foliage, an arrangement which adds immeasurably to the showy appearance of the plant. The flowers have the appearance of a fully double flower, and are most attractive. An ordinary sized bouquet, when allowed to remain in a room for a short period of time, will fill the room with fragrance.

Packet, 25c each; 1-2 oz., \$1.50

One packet each of Welcome, Debutante, Sweet Peas and Golden Gleam New Double Sweet Scented Nasturtium (Value 75c) mailed to any address

FOR 70c POSTPAID



Nasturtium—Dwarf—Golden Gleam

FOR STARTED PLANTS OF THE NEW GOLDEN GLEAM NASTURTITIUM SEE PAGE 18



# SPENCER SWEET PEAS

## "THE SUMMER FLOWERING VARIETIES"

Our Sweet Peas have been selected for their long stems and large flowers. No other house can offer you any better

Sweet Peas deserve the place they have earned in the hearts of all lovers of flowers. They are quickly and easily grown from seed, will thrive in any garden and bear all summer an abundance of beautiful, fragrant flowers of many wonderful shades and tints. We have selected the following list of the newest and choicest up to date Sweet Peas known, for color, size of blossoms and long stems and have the endorsement of the leading American and European specialists. Many of the varieties we offer have been awarded the Certificate of Merit by both the American Sweet Pea Society and the Royal Horticultural Society of England.

**How to Grow Sweet Peas**—The general opinion is that Sweet Peas being common and hardy can be planted anywhere, which accounts for a lot of failures. There is no reason why everyone should not have fine flowers if they will observe a few simple rules. First of all **plant early**. We recommend the middle of April. Dig deeply. If you are growing Sweet Peas every year, try and prepare your ground in the Fall, and dig at least 12 inches deep, mixing manure thoroughly in the sub-soil. The surface soil in which the seed is sown should not contain manure. If you prepare your ground in the Fall you will find you can sow earlier in the Spring. If you can not secure manure, use bone meal or commercial fertilizers, containing phosphate and potash. Cover the ground an eighth of an inch with these and then dig in and mix thoroughly with the soil. Sow the seed three inches deep if in sandy soil, or two if in clay. Cultivate as soon as they are up and keep cultivating. Stake them as soon as the rows show plainly. For the first month they scarcely make any growth above ground, but don't need water unless the season is very dry. Later on, when they are showing vigorous growth, a thorough watering twice a week will help wonderfully, if there is not sufficient rain. An open space is preferable for Sweet Peas but they may also be planted alongside a house or fence but never trees. Thousands inoculate their Sweet Pea seed with Stim-U-Germ. (See page 129). Spray thoroughly and often to prevent infection by aphids. We recommend spraying with black leaf "40" or Evergreen for this purpose. Leaflet on Sweet Pea Culture, Free.

**NOTICE**—We have eliminated all the old varieties of conflicting colors in Sweet Peas, and have listed only the newer and finer varieties of exceptionally fine merit which we consider the best in their particular color class.

### Blue

**HEAVENLY BLUE.** A most beautiful shade of delphinium blue. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00.

### Blue, Light

**GLENEAGLES.** Flowers of distinct rounded form, beautifully waved with daintily frilled edges. Color lavender blue, slightly deeper at center. Pkt., 10c; ½-oz., 30c; oz., 50c; ¼-lb., \$1.75.

### Blush Pink

**VALENTINE.** A recently introduced charming blush pink variety. The flowers are well formed, of largest size and are well placed in fours and fives on long strong stems. Pkt., 10c; ½-oz., 20c; oz., 35c; ¼-lb., \$1.00.

**Blush Lilac**—See Kitty Pierce

### Carmine

**DOREEN.** Carmine rose flowers of large size and beautifully waved petals. Pkt., 10c; ½-oz., 30c; oz., 50c; ¼-lb., \$1.50.

### Cerise

**CHARMING.** A brilliant orange cerise. Flowers open true and hold color well. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00.

### Cerise, Deep

**HERO.** Is a beautiful shade, because in sunshine or artificial light it appears to be suffused richly with salmon. "Hero" is an entirely new shade of color and difficult to describe, and on account of its brilliance and clarity will surely be welcomed by all who like brilliant shades. The flowers are large, nicely waved, and well placed on strong stems. Pkt., 15c; ½-oz., 30c; oz., 55c; ¼-lb., \$1.80.

### Cerise Scarlet

**DEFIANCE.** The color is a pleasing cerise-scarlet, absolutely burnless. Defiance has a charming form. It is of immense size and of vigorous robust habit; carries four very large size flowers on long stout stems, which are produced in great profusion. An outstanding variety which must be seen to be appreciated. Pkt., 10c; ½-oz., 20c; oz., 35c; ¼-lb., \$1.00.

### Cream

**WHAT JOY.** A charming new variety of rich deep primrose-yellow shade. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00.

### Cream Pink

**MARY PICKFORD.** A dainty cream pink with a faint suffusion of salmon. Flowers exceptionally large with both standards and wings beautifully waved. Strong growing and free flowering. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00.

**Cream Pink, Pale**—See Winnie Morse

### Crimson

**CRIMSON KING.** Undoubtedly the most glorious crimson Sweet Pea yet introduced. Flowers of large size, perfectly placed on long strong stems and of rich deep crimson color. Entirely free from sunburn and wind scald. Vigorous growing and a very profuse bloomer. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00.

### Lavender

**AUSTIN FREDERICK.** Flowers of largest size, well placed on long strong stems. Color a true lavender, the best yet introduced. Pkt., 10c; ½-oz., 20c; oz., 35c; ¼-lb., \$1.00.

### Lavender, Pale

**WEMBLY.** A beautiful shade of lavender with a silvery blue sheen. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00.

## Four Grand Duplex Varieties

### MISS DELIGHT

Magnificent double Sweet Pea having beautifully waved petals. There is a duplexing of both standard and wings, giving the appearance of a true double form. The color is best described as a warm light salmon pink on cream ground with a decided amber suffusion, which gives life to the blossom. The flower itself is huge and with the four beautifully doubled blossoms on a strong stem it is a grand and unique novelty. Pkt., 20c; ½-oz., 50c; oz., 90c.

### RIPPLES

A charming rose pink variety of gay and pleasing shading. The flushed rose on deep cream ground appears intensified in the center of the standard and edges of the wings. The standard has a margin of lighter pink which lightens and brightens the flower. The varied coloration of the flower is most unique and withal most pleasing. The flowers are large, well waved, with a tendency to duplex. The stems are long and bear the four flower sprays artistically. It is a strong grower and will be welcome for garden decoration. Pkt., 20c; ½-oz., 50c; oz., 90c.

### KITTY PIERCE

is a new shade in Sweet Peas, being a soft light lilac, suffused with blush pink.

The blossoms are very large and come well placed on large, stout stems, and the petals are beautifully frilled and wavy. It is a charming Sweet Pea, either as a single spray or bunched, and is destined to become a fine exhibitor's variety.

It will be a welcome addition to the list of strong growing garden varieties. Pkt., 15c; ½-oz., 40c; oz., 70c.

### WINNIE MORSE

is the largest and one of the most beautiful Sweet Peas we have ever introduced. The flowers are mostly duplexed and delightfully frilled, giving the blossoms a fine light, wavy effect in spite of their large size. The color is cream ground, lightly flushed, soft rose pink. The effect when bunched is very sweet and pleasing, and the flowers are well placed on strong stems. Pkt., 15c; ½-oz., 40c; oz., 70c.

**WE FEEL SURE THAT MANY OF OUR CUSTOMERS WILL WANT TO INCLUDE THE ABOVE FOUR GRAND VARIETIES IN THEIR GARDEN**

One packet each of the above four varieties (value 70c) will be mailed to any address postpaid for

**60¢**

½ oz. each,  
(VALUE \$1.80)  
POSTPAID FOR

**\$1.50**

1 oz. each,  
(VALUE \$3.20)  
POSTPAID FOR

**\$2.85**

SPENCER SWEET PEAS

“ARE OF THE LARGEST AND MOST BEAUTIFUL SHADES”

**Maroon, Dark**  
**THE SULTAN.** A rich black velvety maroon. We consider this the best maroon. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.

**Mauve**  
**CHIEFTAIN.** The most beautiful shade of pure satiny mauve. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00.

**Orange**  
**TANGERINE.** Brilliant tangerine-orange flowers. A very popular variety. Pkt., 10c; ½-oz., 20c; oz., 35c; ¼-lb., \$1.00.

**Orange Pink**  
**ROYAL PINK.** The most magnificent shade of shrimp pink with large well formed waved flowers. Pkt., 10c; ½-oz., 25c; oz., 40c; ¼-lb., \$1.25.

**Orange Scarlet**  
**MAMMOTH.** Brilliant orange-scarlet of large size, the standard showing more orange than the wings. Vigorous and very free blooming. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00.

**Picotee Edged Pink**  
**YOUTH.** Clear waxy white with well defined pink edging. Produces large blooms even where conditions are not entirely favorable. Not only beautiful but delightfully fragrant. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00.

**Pink, Pale**  
**SUPREME.** This is the best clear pink known. It is a soft and delicate color. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00.

**Pink, Deep**  
**PINKIE.** Is larger than any other variety we have seen in the deep pink class. The beautiful rose pink tone of the flowers is free from the blueness of other deep pinks and in a bunch it is glorious. It is a most vigorous grower, a continuous cropper with long stout stems. The flowers are nicely waved and well placed on the stems. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00.

**Purple**  
**ROYAL PURPLE.** Rich royal purple. The color deepens as the flower ages which is a desirable quality in a purple variety. The best purple sweet pea. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00.

**Rose**  
**ROSABELLE.** A very rich bright rose. Flowers beautifully waved or fluted and of extra large size. Pkt., 10c; ½-oz., 20c; oz., 35c; ¼-lb., \$1.00.

**Salmon**  
**BARBARA.** A superb salmon-colored self that makes a telling bunch either for exhibition or table decoration. Pkt., 10c; ½-oz., 20c; oz., 35c; ¼-lb., \$1.00.

**Scarlet**  
**HAWLMARK SCARLET.** A really wonderful bright scarlet. Pkt., 10c; ½-oz., 20c; oz., 35c; ¼-lb., \$1.00.

**White**  
**AVALANCHE.** Glistening white of great substance. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00.



Mary Pickford

**SPENCER SWEET PEAS—MIXED**  
Splendid mixture, composed of Giant Waved Spencer varieties, blended in proper proportion and including several new hybrids of exquisite colors and shades. The varieties included in this mixture will produce from three to four flowers on a stem. ½-oz., 20c; oz., 30c; ¼-lb., 90c; ½-lb., \$1.50; lb., \$2.75.

**SPECIAL OFFER OF SPENCER SWEET PEAS**  
We will send you one 10c package each of the 24 varieties listed (not including 15c or 25c pkgs.) for \$2.00  
Your choice of any 15 varieties (not including 15c or 25c packages) 10c packages only, for \$1.25  
Our choice of any 15 varieties, (10c packages) for \$1.00

Alphabetical List of Grandiflora Sweet Peas			
The over shadowing size and beauty of the Spencer Sweet Peas has gradually reduced the demand for most varieties of the Grandiflora types, so that we now offer only a limited list.			
LADY GRISEL HAMILTON—Lavender .....	.20	.50	1.75
DOROTHY ECKFORD—Large white .....	.20	.50	1.75
FLORA NORTON—Bright sky blue .....	.20	.50	1.75
KING EDWARD VII—Deep red .....	.20	.50	1.75
MRS. E. KENYON—Large Clear primrose .....	.20	.50	1.75
MRS. WALTER WRIGHT—Rose purple .....	.20	.50	1.75
MISS WILMOTT—Orange pink .....	.20	.50	1.75
BLACK KNIGHT—Very dark maroon .....	.20	.50	1.75
PRIMA DONNA—Pure pink, self colored .....	.20	.50	1.75
PEERLESS MIXED—The best Grandiflora Mixture, colors well proportioned .....	.15	.40	1.50

**LATHYRUS—Everlasting or Perennial Sweet Peas**  
A hardy perennial climber. Sow the seed in rich ground early in the Spring, covering one inch deep. Trellis should be provided for the vines to climb. The young plants start slowly but make a strong growth and bear large compact clusters of flowers resembling those of the Sweet Pea but without fragrance, and give profusion of bloom from early Summer until late in the Fall. They die in Winter but start again from the old roots in the Spring.

Red, Pkt., 15c; ½-oz., 40c; oz., 75c.  
White, Pkt., 15c; ½-oz., 50c; oz., 90c.  
Pink, Pkt., 15c; ½-oz., 40c; oz., 75c.  
Mixed, Pkt., 10c; ½-oz., 35c; oz., 65c.

Sweet Peas are so Easy to Grow and Such a Beautiful Reward—What Garden Can Afford to be Without Them

# S. N. & S. CO'S. SPENCER SWEET PEAS

## THE EARLY OR WINTER FLOWERING VARIETIES

This new race of Early Flowering Spencer Sweet Peas are particularly adapted to sections where the summer flowering Spencer varieties have not proved satisfactory. They are now very popular and in great demand for early spring blooming, for out-door culture, coming into flower three to four weeks earlier than the regular summer flowering varieties, and if the flowers are kept picked will continue to bloom over a long period. The flowers are large and of the same form as the Spencer and are beautifully waved or frilled. We offer the following carefully selected varieties.

Thousands inoculate their Sweet Pea Seed with Stim-U-Germ. (See Page 127). Spray thoroughly and often to prevent infection by aphids. We recommend spraying with Black Leaf "40" or Evergreen for this purpose.

For Best Results Inoculate  
Sweet Peas with  
STIM-U-GERM  
Garden Size 25c Postpaid

## NOVELTIES

For Best Results Inoculate  
Sweet Peas with  
STIM-U-GERM  
Garden Size 25c Postpaid

These two very beautiful varieties will undoubtedly prove to be the forerunners of a distinct new race

### EARLY DUPLEX GEM

Early Duplex, "Gem" is all that its name implies. Everyone who has seen this novelty has been loud in admiration and praise.

The color is soft rose pink flushed on light cream ground.

The flowers are truly enormous in size yet beautifully light and frilly. The huge effect comes of course from the duplexing of the standard and sometimes even the wings.

The vines are not heavy but bear a profusion of blooms on good stems. Pkt. (about 25 seeds) 25c.

### EARLY DUPLEX PIONEER

Early Duplex, "Pioneer". The color is rose pink on cream ground. The color is quite uniformly spread over the standard and the wings giving a lovely effect which is greatly added to by the unusual frilliness of the flower. The flowers look double and really are double since often there will be three or four standards and sometimes the wings are also double.

The vines are quite vigorous and bear a profusion of flowers on long stems. It is quite common to get four beautiful duplexed flowers on one stem. Pkt. (about 25 seeds) 25c.

#### White

**ALL WHITE.** The largest white, immense size. Of vigorous habit and extremely free flowering. Pkt., 15c; ½ oz., 35c; oz., 60c; ¼-lb., \$1.75.

**WHITE HARMONY.** It is a fine grower. The stems are long, the flowers are large and pure paper white of grand substance. White Harmony does not show the green edge on the flowers which other black seeded will show. Four large flowers on each stem, the best white sweet pea yet introduced, awarded silver medal. Pkt., 20c; ½-oz., 50c; oz., 90c.

#### Pink

**SUPERIOR PINK.** A pleasing shade of glowing pink with a soft suffusion of salmon. Large, beautifully waved flowers. Awarded a silver medal. Flowers exhibited at the New York Show measured 2½ inches across. Pkt., 15c; ½-oz., 30c; oz., 55c.

**IMPERIAL PINK.** A new grand variety with large clear pink blooms and long stems. Pkt., 15c; ½ oz., 40c; oz., 75c.

#### Blush

**FAIR MAID.** A blush pink, suffused salmon on a white ground. A beautiful shade. Pkt., 15c; ½-oz., 35c; oz., 60c.

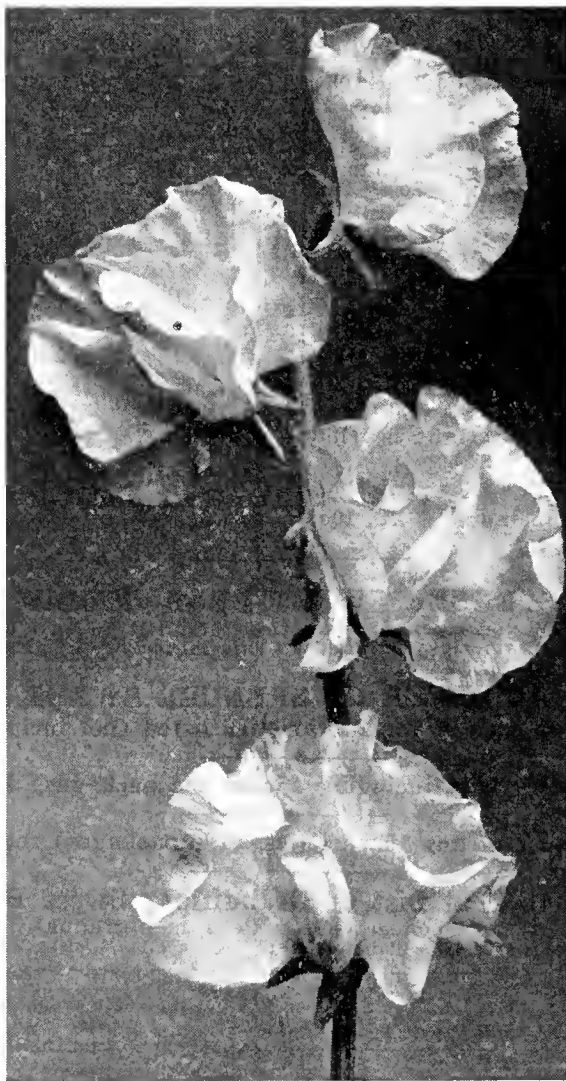
#### Crimson

**AVIATOR.** Deep rich crimson. A strong and beautiful color. A vigorous grower. Pkt., 15c; ½-oz., 30c; oz., 55c; ¼-lb., \$1.75.

**QUEEN CRIMSON.** The brightest and richest of the Early Crimson, large flowers, long stems and good growth. Queen Crimson will be the choice of those who grow the best, will be in great demand on account of the brilliant coloring. Pkt., 25c; ½-oz., 70c; oz., \$1.35.

#### Scarlet

**GRENADIER.** The large flowers are a rich Poppy-scarlet. Borne profusely on long stems. Pkt., 15c; ½-oz., 35c; oz., 60c; ¼-lb., \$2.00.



Early Flowering Sweet Peas

**EARLY FLOWERING SPENCER MIXED.** A choice mixture of the foregoing named Early Flowering Spencer Varieties. Pkt., 10c; ½-oz., 25c; oz., 40c; ¼-lb., \$1.20; ½-lb., \$2.00; lb., \$3.50.

#### Rose

**ZVOLANEK'S ROSE.** This is a widely known variety with large flowers and bold stems. Color a rich rose. Pkt., 15c; ½-oz., 35c; oz., 65c.

**CHEVALIER.** A true rose color with just a suspicion of yellow toward the base. Well waved. Pkt., 15c; ½-oz., 30c; oz., 55c; ¼-lb., \$1.80.

#### Orange

**ORANGE KING.** The most outstanding orange sweet pea. It is a clear intense orange. Pkt., 20c; ½-oz., 50c; oz., 90c.

#### Orange-Scarlet

**GLITTERS.** Glitters and scintillates with a fire-like sheen radiating over the flowers. The standard is a bright fiery orange, and the wings are deep orange. Pkt., 15c; ½-oz., 30c; oz., 55c; ¼-lb., \$1.75.

#### Lavender

**SWEET LAVENDER.** A beautiful shade of lavender. Pkt., 15c; ½-oz., 35c; oz., 60c.

#### Blue

**NEW BLUE.** A charming shade of true blue; a color much in demand. Of great size, excellent form, free blooming, long stemmed, and heavy texture. Pkt., 20c; ½-oz., 40c; oz., 75c; ¼-lb., \$2.40.

**SILVER BLUE.** The large flowers borne three or four to a spray are beautifully spaced and are a pleasing delicate shade of lavender blue, showing up splendidly in both natural and artificial light. Stems are long and sturdy. For a light blue we feel that those growing sweet peas will find Silver Blue a most satisfactory variety. Pkt., 15c; ½ oz., 30c; oz., 55c; ¼-lb., \$1.80.

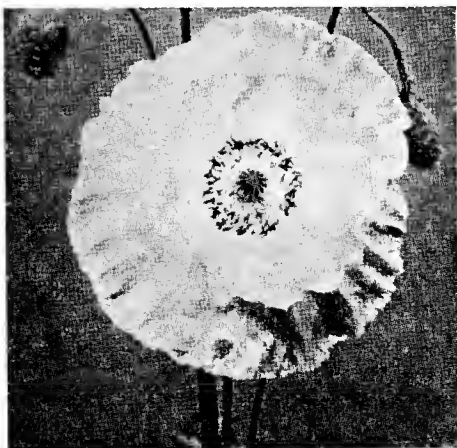
#### Purple

**AMETHYST.** The color is a rich warm purple, the younger flowers having a slightly softer color tone. Pkt., 15c; ½-oz., 35c; oz., 60c; ¼-lb., \$1.75.

EARLY FLOWERING SWEET PEA COLLECTION—SEE PAGE 75



## POPPIES



Shirley Poppies

showy. Pkt., 5c; ¼-oz., 25c; ½-oz., 35c; oz., 60c.

**Tulip or Glaucum Flowered**—Intense scarlet. The brightest colored of all Poppies. Pkt., 10c; ¼ oz., 30c; ½ oz., 50c; oz., 85c.

**Single Annual**—Mixed colors. Gorgeous colorings, easily grown from seed sown in the open. Pkt., 5c; oz., 25c; ¼-lb., 85c.

**Shirley Mixed**—An extra fine strain of charming poppies. They are single and occasionally semi-double and range in colors from the purest white through the delicate shades of pale pink, rose and carmine to the deepest crimson and blood red, while many are daintily edged and striped. In fact so varied are they that scarcely any two flowers are alike. Pkt., 10c; ¼-oz., 25c; ½-oz., 35c; oz., 50c.

**White Shirley**—An exquisite free-flowering variety with single and semi-double flowers carried gracefully on fine stems 12 inches long. The flower petals are pure white and have a satiny wrinkled finish. Pkt., 10c; ¼-oz., 25c; ½-oz., 35c.

**Pink Shirley**—A free-flowering single Shirley Poppy of a beautiful wild rose color. Grows 12 inches tall. Pkt., 10c; ¼-oz., 25c; ½-oz., 35c; oz., 50c.

## DOUBLE ANNUAL VARIETIES

These Poppies are very handsome. The flowers grow to an enormous size from 6 to 7 inches in diameter, are as double as Peonies and the colors are very rich and striking.

**Double Carnation or Peony Flowered, Mixed**—Large, full double fringed flowers, 2 feet high. Pkt., 5c; ¼-oz., 25c; ½-oz., 35c; oz., 50c.

**Cardinal Scarlet**—Splendid double fringed flowers. Pkt., 10c; ¼-oz., 25c; ½-oz., 35c; oz., 50c.

**White Swan or White Fringed**—Immense double white flowers, beautifully fringed. Pkt., 10c; ¼-oz., 25c; ½-oz., 35c; oz., 50c.

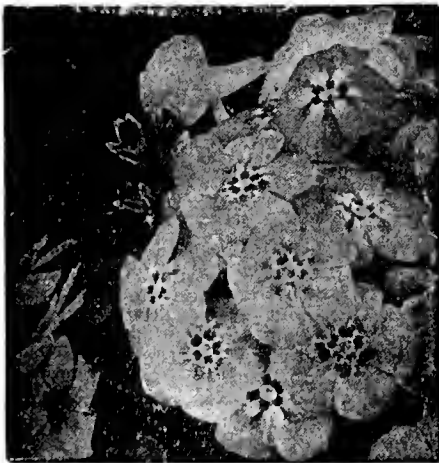
**Double Salmon Pink**—A beautiful shade and a favorite with all. Pkt., 10c; ¼-oz., 25c; ½-oz., 35c; oz., 50c.

**American Flag**—Beautiful variety; flowers very large and double; snow-white, bordered with scarlet. Pkt., 10c; ¼-oz., 25c; ½-oz., 35c; oz., 50c.

## PHLOX—Drummondii

## (ANNUAL VARIETIES)

Phlox is a very pretty free-flowering annual of quick growth, coming into bloom early in summer. When sown en masse the coloring is varied and brilliant beyond description. Sow the seed thinly as early in the spring as the ground can be worked into a loose and mellow condition, and cover ¼ inch deep. Phlox makes beautiful borders.



**Alba**—Pure White.

**Fireball**—Fine Scarlet.

**Isabellina**—Yellow.

**Violet**—With purple eye.

**Lilac**—A bright soft lilac.

**Crimson**—Large well-formed heads.

Any of the above Pkt., 10c; ¼-oz., 30c; ½-oz., 50c; 1-oz., 85c.

**Peerless Mixed**—Pkt., 10c; ¼-oz., 30c; ½-oz., 45c; oz., 80c.

**Fine Mixed**—Pkt., 10c; ¼-oz., 25c; ½-oz., 40c; oz., 70c.

## COLLECTION OF PHLOX

Collection contains the following varieties: Alba, Fireball, Violet, Yellow, Lilac, Crimson. One packet each, (value 60c).

POSTPAID FOR 50c

## POPPIES

## PERENNIAL VARIETIES

Hardy perennials of easy culture; in bright glowing colors.



True Oriental Poppy—(Papaver Orientale)

**ORIENTAL**—(Papaver Orientale)—This is the most gorgeous perennial Poppy flowering in June and July, with enormous blossoms often measuring 5 to 6 inches across, deep crimson, with a conspicuous black blotch on each petal. Transplanting should be done carefully. The best time to lift plants is in August. Pkt., 10c; ¼-oz., 30c; ½-oz., 50c; 1-oz., 85c.

**Oriental Hybrids**—Beautiful hybrids of the Oriental Poppy, producing flowers of immense size, 6 inches and over in diameter, and of many novel colors, ranging from delicate shades of Salmon to deep Crimson. Mixed, Pkt., 10c; ¼-oz., 35c; ½-oz., 60c.

**ICELAND**—Papaver Nudicaule—Pretty tufted foliage, flowers on long wiry stems in shades of white, yellow, and orange with satiny crinkled petals; beautiful flowers in colors.

**Yellow, Orange Scarlet, White, or Orange.** Pkt., 15c; ¼-oz., 45c; ½-oz., 75c.

**Iceland Poppy**—Mixed, Pkt., 15c; ¼-oz., 30c; 1-oz., 50c.



Pyrethrum—"Painted Lady"

## PYRETHRUM

**ROSEUM**—Single Hybrids Mixed—A lovely flower of easy culture, and should be more generally grown. They resemble large daisies, but of various shades of pink, deep red and purple, and make a pretty show in the garden. They also make handsome cut flowers, having stems 1½ feet long. The plants are perfectly hardy; grow 2 feet high. Pkt., 15c; ¼-oz., 45c.

**AUREUM**—Golden Feather—A most desirable dwarf Pyrethrum for edging of borders, with golden yellow foliage. Half-hardy perennial. Six inches. Pkt., 10c; ¼-oz., 35c.

## PHLOX—Hardy Perennial—F. Decussata

One of the finest hardy perennials, with extremely large heads of the most magnificently colored flowers, remaining in bloom during the late summer months. Two to three feet. Usually blooms the first season. Requires 3 to 4 months for seed to germinate. Mixed. Pkt., 20c; ¼-oz., 85c.

POPPIES ARE SO EASY TO GROW AND ADD SUCH CHARM TO THE GARDEN

RICINUS—Castor Oil Bean—See Page 57

**SALVIA—Scarlet Sage**

**Splendens**—A tender perennial blooming the first season from seed. The blossoms are borne on long stems in racemes or spikes and are fragrant. The plant blooms profusely. Two feet. Pkt., 10c; 1/8-oz., 50c; 1/4-oz., 85c; 1/2-oz., \$1.45; oz., \$2.50.

SWEET SCENTED LAVENDER—See Lavendula



Scabiosa, Mourning Bride or Pincushion Flower

**SCABIOSA—Mourning Bride—Pincushion Flower**

They grow about 2 1/2 feet high, and come into bloom early in July and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems, and when cut, keep in perfect condition for the best part of a week. They make effective borders or beds, and no garden is complete without Scabiosa, especially when flowers are wanted for cutting. Hardy annual.

**Azure Fairy**—Clear Lavender Blue. ....Pkt., 10c; 1/4-oz., 35c  
**Snowball**—Pure white .....Pkt., 10c; 1/4-oz., 35c  
**Fiery Scarlet** .....Pkt., 10c; 1/4-oz., 35c  
**Peach Blossom**—Pink—A wonderful color Pkt., 10c; 1/4-oz., 50c  
**Tall Double Mixed** .....Pkt., 10c; 1/4-oz., 30c  
**Dwarf Choice Mixed** .....Pkt., 5c; 1/4-oz., 25c

**COLLECTION OF SCABIOSA**

One packet each of the above four named varieties; Azure Fairy, Snowball, Fiery Scarlet, Peach Blossom (Value 40c).

POSTPAID FOR 35c

**SAPONARIA**

**Ocymoides**—An unusually pretty border or rock garden plant, producing during the summer masses of small bright rose flowers and blooming profusely all during the spring and summer. 6 inches tall. Hardy perennial. Pkt., 10c; 1/8-oz., 25c; 1/4-oz., 35c; oz., 95c.

SHASTA DAISY—(See Chrysanthemum, Page 56)

SNAPDRAGON—(See Antirrhinum, Page 52)

**MOTHERS' GARDEN COLLECTION OF HARDY PERENNIAL FLOWER SEEDS**—See Page 75

SIBERIAN WALLFLOWER—See Page 74

**SNOW ON THE MOUNTAIN**—See Euphorbia  
 Page 60

**CARAGANA, or Siberian Pea Tree**—A very hardy hedge of low growing tree from Siberia, bearing clusters of golden yellow fragrant flowers in immense quantity early in the spring. These followed by reddish colored seed pods that hang on through a portion of the summer. Foliage dark green, while the bark is light green or silvery in color, making a very ornamental hedge plant. Oz., 30c; 1/4-lb., 85c; 1-lb., \$3.00.

S. N. &amp; S. CO'S.

Special Flower and Vegetable Seed Collections  
 See Page 74

SOW S. N. &amp; S. CO'S.

**WILD FLOWER GARDEN MIXTURE**

in out-of-the-way places, back lots, fence corners, etc. Scatter the seed on the surface and rake in. (See Page 72).

**SALPIGLOSSIS or Painted Tongue**

One of the greatest favorite annuals of easy culture, beautiful orchid-like flowers, produced from early summer until late fall. Seed should be sown early in spring in a hot bed or planted outside as soon as the soil is warm and then transplanted out of doors after danger of frost. Two to three feet.

All colors mixed  
 Pkt., 5c; 1/8-oz., 30c; 1/4-oz., 50c.



Salpiglossis

**Emperor Mixed**—Large improved strain with a complete range of colors. Pkt., 10c; 1/8-oz., 30c; 1/4-oz., 50c.

**STOCKS (Gilliflower)**

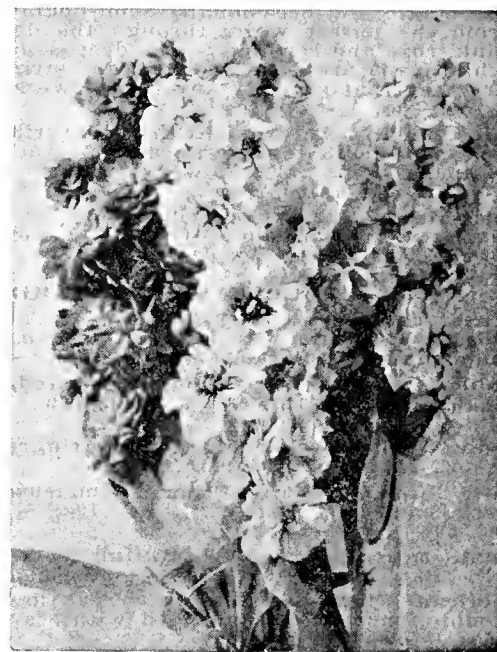
The stock is one of our very best annuals either for bedding purposes or for pot culture. Their wonderful range of colors, and unequalled fragrance make them extremely valuable. Half hardy annual, 12 to 18 inches. Sow out doors about May first.

**Improved Large Flowering 10 Weeks Stocks.**

**Blood Red** Pkt., 10c  
**Canary Yellow**

.....Pkt., 10c  
**White** .....Pkt., 10c  
**Blue** .....Pkt., 10c  
**Purple** .....Pkt., 10c  
**Pink** .....Pkt., 10c  
**Lavender** .....Pkt., 10c  
 Any above named  
 1/8-oz., 45c; 1/4-oz., 75c.

**Mixed**—All colors,  
 Pkt., 10c; 1/8-oz., 40c; 1/4-oz., 65c.



Stocks

**MAMMOTH FLOWERING BEAUTY STOCKS**—Early flowering winter stocks, of a very branching habit. Largely grown for winter cutting by florists, and for greenhouse decoration. For outdoor use, sow in March, will then bloom from July to frost.

**Beauty of Nice**—Flesh Pink .....Pkt., 15c; 1/8-oz., 40c  
**Mont Blanc**—Pure White .....Pkt., 15c; 1/8-oz., 40c  
**Queen Alexandria**—Rosy Lilac .....Pkt., 15c; 1/8-oz., 40c

STOCK—Evening Scented—See Matthiola Bicornis.

**VIRGINIA STOCK—Malcomia Maritima**

An early flowering small flowered annual, largely grown for edging border. Height about 6 inches, and bloom continuously during cool weather, finest mixed. Pkt., 5c; 1/4-oz., 25c; 1/2-oz., 40c.

**SUNFLOWER**

**Mammoth Russian**—Extra Large Heads .....Pkt., 5c; oz., 10c  
**Double Chrysanthemum Flowered**—Hardy annual, growing from 3 to 5 feet. Large densely double golden flowers. Fine, long stout stems for cutting. Pkt., 5c; 1/2-oz., 30c; oz., 50c.  
**Sanguineus**—Shades of red, purple, and reddish brown combinations. 5 to 6 feet tall. Very showy. Pkt., 10c; 1/2-oz., 30c; oz., 50c.

State Nursery and Seed Co.,  
 Helena, Mont.

Choteau, Mont.

Dear Sirs:

The Rose bush you sent me was a beauty. I had fifteen buds and roses all at the same time and I have just picked the last of them. My Bachelor Buttons raised from your seed are simply gorgeous, such beautiful rainbow shades and so double, the prettiest I have ever seen. I am also sure your Spencer Sweet Peas cannot be beaten.

MRS. E. M. P.

SEE INDEX FOR PAGE ON GARDEN AND FARM BOOKS





Schizanthus

**SCHIZANTHUS—Butterfly or Fringe Flower**

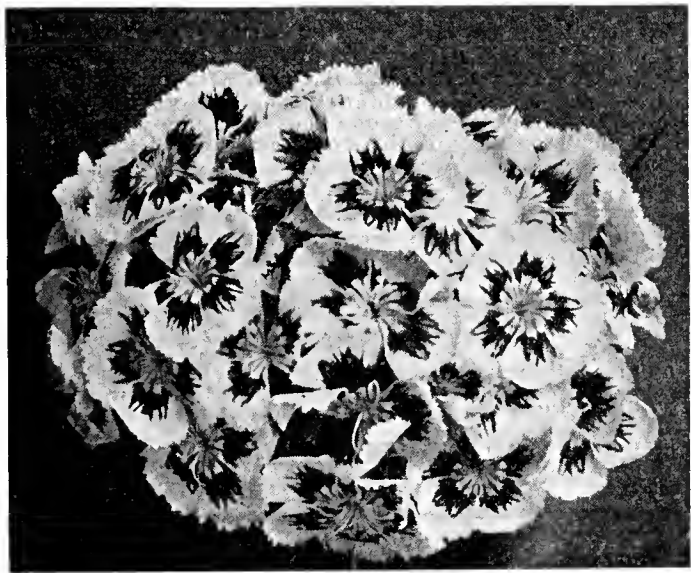
Called the "poorman's orchid" on account of their easy culture and resemblance in form and variety of coloring to some of the floral aristocrats. Sown out of doors in spring where they are to remain, or started inside and transplanted when the weather is suitable. Hardy annual. One to two feet. Mixed Pkt., 5c; 1-16 oz., 30c;  $\frac{1}{8}$ -oz., 50c;  $\frac{1}{4}$ -oz., 85c.

**SWEET WILLIAM—Dianthus Barbatus**

A beautiful sweet scented old-fashioned annual and perennial. Grows one to two feet high and bears its flowers in clusters at the end of a stiff stem. The individual florets are handsomely colored and marked. It makes a beautiful bedding plant and is of easy culture.

**Single—Mixed**—The flowers are large, of handsome form and embraces a great variety of extremely rich and beautiful colors. Perennial. Pkt., 5c;  $\frac{1}{8}$ -oz., 25c;  $\frac{1}{4}$ -oz., 40c.

**Annual Flowering Mixed**—A new strain that blooms the first season. Flowers large, borne in great profusion and in beautifully assorted colors. Pkt., 10c;  $\frac{1}{8}$ -oz., 30c;  $\frac{1}{4}$ -oz., 50c.



Sweet William

**SWEET ALYSSUM—(See Alyssum)****THUNBERGIA—BlackEyed Susan**

A beautiful climber, 3 to 5 feet high, with pale yellow or orange-yellow flowers having a distinct black center. Of quick growth, blooming profusely from June until October. Tender annual. Pkt., 5c;  $\frac{1}{4}$ -oz., 40c;  $\frac{1}{2}$ -oz., 70c.

**VERONICA—Speedwell**

A beautiful species, with rich deep blue flowers. Pkt., 10c.

**EVERLASTING BOUQUETS**

If you are interested in flowers to use in "everlasting" bouquets, we have a number of them listed under "Strawflower."



Statice

**STATICE LATIFOLIA—Sea Lavender**

These useful plants bear purplish blue everlasting flowers that last a long time after cutting, and are very easy culture. Hardy perennial. Two feet. Pkt., 15c;  $\frac{1}{8}$ -oz., 40c;  $\frac{1}{4}$ -oz., 65c.

**STRAWFLOWERS—Helichrysum**

The everlasting or Strawflowers, with their rich bright colorings are most valuable for winter decorations. Plants grow readily from seed sown in the open ground when the trees are starting out in leaf. When well started, they should be kept cultivated to produce the finest and largest number of flowers. The blooms should be cut as soon as they open, tied in small bunches, and dried slowly in a cool shady place, hanging the flowers downward to keep the stems straight.

**Fire Ball**—Fire Ball is a popular variety mainly because of the richness and brightness of its blooms. They are an intense and vivid crimson. The flowers are large and well formed. The brilliancy of the color is retained well in the dried flowers. Pkt., 10c;  $\frac{1}{8}$ -oz., 25c;  $\frac{1}{4}$ -oz., 40c;  $\frac{1}{2}$ -oz., 60c.

**Canary Yellow**—A well named variety since the flowers are of almost ball shape and of a rich golden yellow color. They are borne profusely on strong robust plants. Particularly fine. Pkt., 10c;  $\frac{1}{8}$ -oz., 25c;  $\frac{1}{4}$ -oz., 40c;  $\frac{1}{2}$ -oz., 60c.

**White Queen**—Is a favorite on account of its pure white flowers. Is grown extensively by those who make a business of growing Strawflowers for winter bouquets. The reason for this is that Snowball is most easily dyed to any desired color. The blooms are of largest size and quite double. Pkt., 10c;  $\frac{1}{8}$ -oz., 30c;  $\frac{1}{4}$ -oz., 45c;  $\frac{1}{2}$ -oz., 70c.

**Rose Queen**—The color of this distinct variety is a bright and cheerful rose, a shade that is always greatly admired. Rose Queen deserves a place in every garden. The blooms are of remarkable size and form. The petals are large, well expanded, and lie closely together, forming a double flower which never shows a yellow center until it has passed its prime. But even then it is very beautiful, as a fine color contrast. The yellow center gives Pkt., 10c;  $\frac{1}{8}$ -oz., 30c;  $\frac{1}{4}$ -oz., 45c;  $\frac{1}{2}$ -oz., 70c.

**Violet Queen**—As the name implies, this variety has violet flowers. The color is rich and intense. Violet Queen is a variety of recent introduction, but it has quickly become one of the most favored of all Strawflowers. The dried blooms show up particularly rich and life-like. Pkt., 10c;  $\frac{1}{8}$ -oz., 25c;  $\frac{1}{4}$ -oz., 40c;  $\frac{1}{2}$ -oz., 60c.

**Mixed**—Those who have not room enough to grow the separate colors will get a fine display from this mixture. Pkt., 5c;  $\frac{1}{8}$ -oz., 25c;  $\frac{1}{4}$ -oz., 40c;  $\frac{1}{2}$ -oz., 60c.



Strawflower

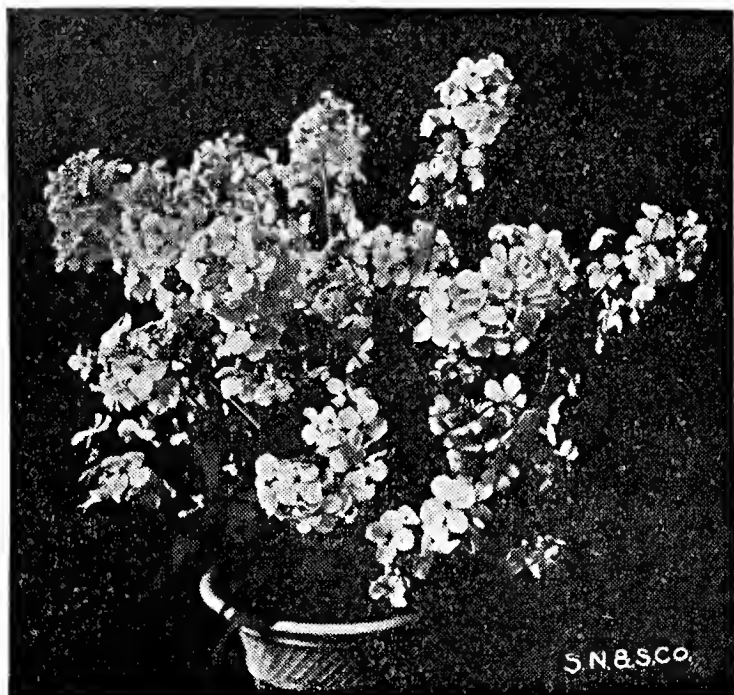
**COLLECTION OF STRAWFLOWERS**

We will mail one packet of the five fine Strawflowers (Value 50c), postpaid for 45c.

We will mail  $\frac{1}{8}$ -oz., each of these five fine Strawflowers (Value \$1.35), postpaid for \$1.00.

STRAWFLOWERS MAKE BEAUTIFUL EVERLASTING BOUQUETS FOR THE HOUSE IN WINTER



**SWEET ROCKET—Hesperis**

A hardy perennial growing two feet high. A beautiful fragrant flower of the easiest culture and bearing clusters of white and purple blossoms. Flowers from June to September. Mixed—Pkt., 5c;  $\frac{1}{4}$ -oz., 25c;  $\frac{1}{2}$ -oz., 40c; oz., 70c.

**WILD FLOWER GARDEN MIXTURE**

These are annual flowers that can be grown easily. Simply raked in a corner of the garden will make a pretty display of flowers and will resemble a perfect wild flower garden. Of course the soil must be fairly good and free from weeds. We have made a mixture of seeds of the hardiest annual flowers that will bloom from early summer until late in the fall. **These are not wild flowers.** Pkt., 5c; oz., 25c;  $\frac{1}{4}$ -lb., 70c;  $\frac{1}{2}$ -lb., \$1.30; 1-lb., \$2.40.

**WALLFLOWER or Gold Lack**

These half-hardy perennial and annual Wallflowers are grown for early spring bedding and for their delightful fragrance. Perennial sorts should be sown in autumn and carried over in coldframe; annual sorts may be sown indoors in March and will flower the first year from seed.

**Single Mixed**—Pkt., 5c; 1-16 oz., 20c;  $\frac{1}{8}$ -oz., 35c.

**Early Paris Market**—A beautiful single golden yellow variety which may be treated as an annual, flowering through the summer from seed sown in the spring. Pkt., 10c; 1-16 oz., 25c.

**Blood Red**—This is a much improved and selected stock of the Annual Wallflower brought out some years ago. We have ever since been carefully selecting this, and each year getting nearer to a blood red. Pkt., 10c; 1-16-oz., 25c;  $\frac{1}{8}$ -oz., 40c.

**WALLFLOWER—Siberian**

**Cheiranthus Allioni**—In presenting this beautiful little early-flowering perennial Wallflower, with gorgeous orange flowers, we suggest it as a splendid little plant for the rock-garden or as a dwarf border plant. Will bloom throughout the summer if seed-pods are removed. May be sown in the open ground in September where required to flower the following spring, or will bloom first season from seed, if sown in a hotbed in March and transplanted outdoors in May. Pkt., 10c;  $\frac{1}{4}$ -oz., 45c;  $\frac{1}{2}$ -oz., 75c.

**BEAUTIFY YOUR HOME WITH FLOWERS FROM YOUR OWN GARDEN****PERMANENT BEDS AND BORDERS****Hardy Flowering Perennials**

Antirrhinum	Lavender
Aster	Lupinus
Aquilegia	(Perennials)
Canterbury Bells	Lychnis
Chrysanthemum	Phlox (Hardy)
Coreopsis	Poppy (Hardy)
Delphinium	Pyrethrum (Hardy)
Digitalis	Sweet Rocket
Gaillardia	Scabiosa
Gypsophila	Wallflower
Hollyhock	

**BACKGROUNDS AND BORDERS****Dwarf Border Plants**

Alyssum	Myosotis
Candytuft (Hardy)	Pansy
Carnation (Border)	Pinks (Hardy)
Daisy, Double	Sweet William

**Tall Sorts for Backgrounds**

Amaranthus	Lupinus
Celosia Plumosa	Marigolds (African)
Cosmos	Ricinus
Dahlia	Sunflower
Lavatera	

**PARTLY SHADY PLACES**

Antirrhinum	Godetia
Aquilegia	Matricaria
Asperula	Mimulus
Canterbury Bells	Myosotis
Coreopsis	(Forget-me-Not)
Clarkia	Nemophila
Daisy, Double	Oenothera
Delphinium	Pansy
Flax, Scarlet	Poppies
Foxglove	Schizanthus

**HANGING BASKETS, WINDOW BOXES, ETC.**

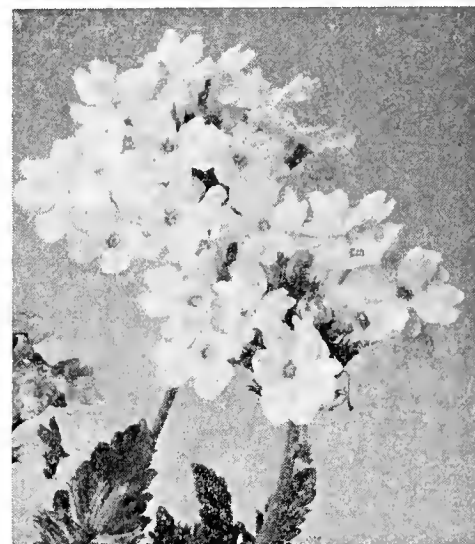
Alyssum	Lobelia
Asparagus	Nasturtium, Dwarf
Convolvulus Minor	Petunia
Kenilworth Ivy	Thunbergia

**FOLIAGE**

Celosia	Pyrethrum,
Centaurea	(Golden Feather)
Kochia	Ricinus

**VERBENAS—Mammoth**

This distinct and beautiful race is worthy of a place in every garden. The average trusses measure 6 to 8 in. in circumference and the individual florets on properly grown plants over an inch across. They bloom freely, are vigorous in growth and contain beautiful new colors and shades. For garden beds and massing these Verbenas are unrivalled; flowers of the most brilliant colors produced continually from spring until late in the autumn. These form luxuriant plants and bloom the first season from seed. When the young plants have three or four leaves transplant in rows 18 inches apart, choosing preferably a sunny location.



Mammoth Verbenas

Earlier blooming may be had if plants are started indoors and transplanted in the open ground after danger of killing frost is over. Half hardy perennial, one foot high, usually treated as an annual.

**VERBENAS—MAMMOTH**

<b>Pink</b>	Pkt., 10c; $\frac{1}{8}$ -oz., 35c; $\frac{1}{4}$ -oz., 55c
<b>White</b>	Pkt., 10c; $\frac{1}{8}$ -oz., 35c; $\frac{1}{4}$ -oz., 55c
<b>Blue Shades</b>	Pkt., 10c; $\frac{1}{8}$ oz., 35c; $\frac{1}{4}$ -oz., 55c
<b>Defiance</b> —Intensely rich, brightest scarlet.	Pkt., 10c; $\frac{1}{8}$ -oz., 40c; $\frac{1}{4}$ -oz., 65c
<b>Firefly</b> —Bright Red with small white eye.	Pkt., 10c; $\frac{1}{8}$ -oz., 35c; $\frac{1}{4}$ -oz., 55c
<b>Lutea</b> —Yellow—A unique color among Verbenas. Very fine.	Pkt., 10c; $\frac{1}{8}$ -oz., 35c; $\frac{1}{4}$ -oz., 55c
<b>Fine Mixed</b> —All colors.	Pkt., 5c; $\frac{1}{8}$ -oz., 30c; $\frac{1}{4}$ -oz., 50c
<b>Peerless Mixed</b> —Embracing a wide range of beautiful colors, the blooms being of mammoth size.	Pkt., 10c; $\frac{1}{8}$ -oz., 40c; $\frac{1}{4}$ -oz., 65c.

**WOOLFLOWER—(See Celosia Childsii Page 56)****WHITLAVIA**

An easily grown, hardy annual, bearing small violet-blue cup-shaped blossoms. Plants one foot high. Sow seed in open ground in spring and thin the young plants. One foot.

**Gloxinoides**—Blue with white throat. Pkt., 10c.

**WISTERIA**

**Sinensis Purple**—One of our most popular hardy climbers. The flowers are abundantly borne in spring on long drooping racemes of light blue before the leaves appear. Pkt., 10c.

**WISTERIA—(Sinensis Alba)**—White Pkt., 10c

**WILD CUCUMBER**

Ornamental climbing cucumber with curious fruit, remarkable for its luxuriance and rapidity of growth. Sow in the fall. Pkt., 5c;  $\frac{1}{2}$ -oz., 20c; oz., 30c;  $\frac{1}{4}$ -lb., 95c.

**WINTER BOUQUETS****Everlastings**

Acrolinum	Helichrysum
Celosias	Strawflowers
Statice	

**CLIMBING VINES**

Asparagus	Humulus, Jap Hop
Balloon Vine	Ipomea
Canary Vine	Kudzu Vine
Cobea	Moonflower
Convolvulus	Morning Glory
Cypress Vine	Nasturtium, Tall
Dolichos	Thunbergia
Gourds,	Wisteria
Ornamental	

**EDGING WALKS, ETC.**

Ageratum	Phlox, Dwarf
Alyssum	Pinks, Chinese
Candytuft	Pyrethrum
Lobelia	(Golden Feather)
Myosotis	Nasturtium, Dwarf
(Forget-Me-Not)	Nigella
Marigold, Dwarf	Zinnia, Dwarf

THE WALLFLOWER WILL ADD A QUAIN OLD FASHIONED TOUCH TO YOUR GARDEN

StimUplant  
Makes a  
Wonder Garden

ZINNIA

StimUplant  
Makes a  
Wonder Garden

A half hardy annual growing from 1 to 2 feet high. The colors are in great variety and very bright. Probably no flower has such an assortment of shades, tints and colors, and no bedding plant is more effective for a brilliant show. Sow in boxes early and transplant or sow directly in the garden after May first.

New Dahlia-Flowered

New Dahlia-Flowered Zinnias are distinct. The flowers are of immense size and are made up of a great number of small-sized petals. The individual petals stand well apart, giving an attractive grace and looseness to the flowers. They are strong growers, blooming profusely all during summer and fall.

ZINNIA—Dahlia Flowered  
OUR TEMPLE MIXTURE

We wish to call special attention to this mixture which is composed of precisely the same variety of seeds as sown by us on the grounds at the Shrine Temple, Helena, and which created such a sensation during the past summer. This mixture contains all the standard and novelty shades in Zinnias and we feel sure will give very satisfactory results. Large packet 40c; ¼-oz., 50c; ½-oz., 85c; 1 oz., \$1.50.

**CRIMSON MONARCH**—One of the best, with immense flowers. A bright and attractive shade of crimson-scarlet. The blooms are of perfect form; borne in great profusion. Pkt., 20c; 1-16 oz., 35c; ½-oz., 50c; ¼-oz., 85c.

**EXQUISITE**—The flowers resemble a large Decorative Dahlia. They are a pleasing shade of reddish rose with deeper rose in the center. One of the most attractive of this type. Pkt., 20c; 1-16 oz., 35c; ½-oz., 50c; ¼-oz., 85c.

**GOLDEN STATE**—An excellent color. Rich golden yellow shading to orange as the flower ages. Blooms are large, of true Dahlia form, borne on long stems. Pkt., 20c; 1-16 oz., 35c; ½-oz., 50c; ¼-oz., 85c.

**SCARLET FLAME**—Rich orange-scarlet. A dazzling color; is one of the brightest, always attracting attention. Blooms profusely. Pkt., 20c; 1-16 oz., 35c; ½-oz., 50c; ¼-oz., 85c.

**DREAM**—The large flowers are a distinct shade of deep-lavender, shading to purple as they age. Very large and of fine form. A free bloomer of strong and sturdy growth. Pkt., 20c; 1-16 oz., 35c; ½-oz., 50c; ¼-oz., 85c.

**POLAR BEAR**—This is decidedly the finest of all White Zinnias. The flowers are of great size and pure in color. The flowers are borne with a wonderful profusion on fine strong stems. Pkt., 20c; 1-16 oz., 35c; ½-oz., 50c; ¼-oz., 85c.



Zinnia—New Dahlia-Flowered

**ZINNIA—(Curled and Crested)**—A fine mixture of colors. The petals are curled and the flowers large and attractive. Mixed. Pkt., 10c; ¼-oz., 35c; ½-oz., 60c.

**ZINNIA ELEGANS—Dwarf Double Mixed**—Pkt., 5c; ¼-oz., 30c; ½-oz., 55c.

**ZINNIA GRACILLIMA COCCINEA—(Little Red Riding Hood)** A superb dwarf variety about one foot high, and literally covered with brilliant red blooms about one inch in diameter. Very attractive for border plant and also when massed. Pkt., 10c; ¼-oz., 40c; ½-oz., 70c.

ZINNIA—ROBUSTA OR GIANT MAMMOTH

Tall Double—White.....Pkt., 10c; ¼-oz., 40c; ½-oz., 70c; oz., \$1.15  
Tall Double—Flesh.....Pkt., 10c; ¼-oz., 40c; ½-oz., 70c; oz., \$1.15  
Tall Double—Scarlet.....Pkt., 10c; ¼-oz., 40c; ½-oz., 70c; oz., \$1.15  
Tall Double—Yellow.....Pkt., 10c; ¼-oz., 40c; ½-oz., 70c; oz., \$1.15  
Tall Double—Crimson.....Pkt., 10c; ¼-oz., 40c; ½-oz., 70c; oz., \$1.15  
Tall Double—Deep Rose.....Pkt., 10c; ¼-oz., 40c; ½-oz., 70c; oz., \$1.15  
Tall Double—Purple.....Pkt., 10c; ¼-oz., 40c; ½-oz., 70c; oz., \$1.15  
Tall Double—Burnt Orange.....Pkt., 10c; ¼-oz., 40c; ½-oz., 70c; oz., \$1.15  
Tall Double—Mammoth Mixed, Pkt., 10c; ¼-oz., 35c; ½-oz., 60c; oz., \$1.00.

COLLECTION OF GIANT MAMMOTH ZINNIA

This collection contains one packet each of Giant White, Pink, Crimson, Burnt Orange. It will be mailed to any address postpaid for 35¢

OR COLLECTION OF THE EIGHT NAMED VARIETIES (Value 80c) postpaid for 65¢

**ORIOLE**—This variety seems to be particularly popular with all classes of gardeners. A bright glistening orange shaded with liquid gold. As the flowers age they show a coppery cast, but the effect is beautiful at all times. Of good form. Pkt., 20c; 1-16 oz., 35c; ½-oz., 50c; ¼-oz., 85c.

DAHLIA-FLOWERED MIXTURE

This is a complete Mixture of Dahlia-flowered Zinnias, including all the above separate colors and many other beautiful and rich shades. Pkt., 15c; ¼-oz., 25c; ½-oz., 45c; 1-oz., 75c; oz., \$1.25.

COLLECTION OF  
DAHLIA-FLOWERED  
ZINNIAS

This collection contains one packet of the six separate colors of Dahlia-flowered Zinnias described above. It will be mailed to any address, postpaid for \$1.00

State Nursery & Seed Company's Collection of  
EIGHT EARLY FLOWERING SWEET PEAS

The early Flowering Type of Sweet Peas are most valuable for our Northern States. They are now in great demand for early spring blooming, coming into flower three to four weeks earlier than the summer flowering varieties. A very acceptable gift. The collection contains the following eight varieties:

- AMETHYST—Rich warm purple.  
FAIR MAID—Blush pink on a white ground.  
GRENADIER—Rich poppy scarlet.  
CHEVALIER—True rose color. Waved.
- AVIATOR—Finest large sized orange-scarlet flower.  
SWEET LAVENDER—Beautiful shade of lavender.  
NEW BLUE—A charming shade of true blue.  
ALL WHITE—Large waved pure white.

ONE PACKET EACH of these Eight Fine Early Flowering Sweet Peas, value \$1.35, will be sent postpaid to any address for \$1.15

ONE-HALF OUNCE EACH of these Eight Fine Early Flowering Sweet Peas, value \$2.85, will be sent postpaid to any address for \$2.50

MOTHER'S GARDEN COLLECTION OF HARDY PERENNIAL FLOWER SEEDS

Hardy Perennials are easily grown from seed. Perennials are the chief standing of the old-fashioned gardens. They require little attention after once established and will last many years, and will increase in beauty with each season.

- Aquilegia or Columbine  
Coreopsis  
Chinese Lantern
- Canterbury Bells  
Delphinium  
Foxglove
- Gaillardia  
Hardy Pinks  
Iceland Poppy
- Lupins  
Shasta Daisy  
Sweet William

We offer this special collection which contains one packet each of the above 12 popular varieties (value \$1.20) all for \$1.00 postpaid

INOCULATE THIS  
SEED WITH  
STIMUGERM

# The Vegetable Garden

INOCULATE THIS  
SEED WITH  
FARMOGERM

## SAVE MONEY—GROW YOUR OWN VEGETABLES—THEY TASTE BETTER

It is human nature to love to "grow things". Doctors advise that we eat more vegetables; that we grow the food we eat. Vegetables are healthful. They contain vitamins. Digging, hoeing and planting, all done in the open air, furnish the finest kind of exercise. No vegetables are like those gathered fresh from the garden. The time spent in the garden is an actual gain in health and in money saved.

Many people are under the impression that seeds can only be planted successfully during the spring months of April and May. The wide awake planter begins as early as the ground can be worked in the spring and sows "successive crops" throughout the summer of beets, carrots, endive, lettuce, peas, radishes, spinach, etc. A space 50 x 50 will produce more vegetables than the average family can consume and if purchased in the market would exceed \$60.00 to \$100.00. Therefore the cost of the family's food can be reduced by having your own vegetable garden.

Purchasing Vegetable Seeds in collections is becoming very popular as this is a very economical way of buying. They are made up for practical use of the best varieties. On this page you will find some of our vegetable and flower seed collections which will save you money.

## S. N. & S. Co's. Seed Collections

THESE COLLECTIONS AT SPECIAL RATES, ARE PACKED BEFORE THE OPENING OF THE SEASON AND CANNOT BE CHANGED IN ANY WAY. WE PREPAY THE POSTAGE ON ALL COLLECTIONS

### School Girls FLOWER SEED COLLECTION

Secure this collection for your daughters to encourage them to take an interest in the garden and make the home beautiful.

- 1 Pkt. Asters, Finest Mixed
- 1 Pkt. Calliopsis
- 1 Pkt. California Poppy
- 1 Pkt. Marigold
- 1 Pkt. Mignonette, Sweet
- 1 Pkt. Nasturtiums, Mixed
- 1 Pkt. Pansy
- 1 Pkt. Sweet Peas

All For 25c Postpaid



Dry Land Garden at the Judith Basin Experiment Station.  
Raised from State Nursery Seeds.

### School Boys VEGETABLE COLLECTION

Secure this collection for your boys. Give them a garden of their own and watch the interest they will take; encourage them.

- 1 Pkt. Beet, Early Round Red
- 1 Pkt. Beans, Yellow Wax
- 1 Pkt. Cabbage, Early
- 1 Pkt. Carrot, Early
- 1 Pkt. Onion, Red
- 1 Pkt. Radish, Early Round Red

All For 25c Postpaid

### CITY GARDEN COLLECTION

- |                                |                                |
|--------------------------------|--------------------------------|
| 1 Pkt. Beans, Early Yellow Wax | 1 Pkt. Lettuce, Loose Leaf     |
| 1 Pkt. Beans, Early Green Pod  | 1 Pkt. Onion, Red              |
| 1 Pkt. Beet, Early Round Red   | 1 Pkt. Parsnip                 |
| 1 Pkt. Cabbage, Early          | 1 Pkt. Peas, Early             |
| 1 Pkt. Carrot, Early           | 1 Pkt. Peas, Medium            |
| 1 Pkt. Corn, Sweet, Early      | 1 Pkt. Radish, Early Round Red |
| 1 Pkt. Cucumber, Early         | 1 Pkt. Raddish, Long           |
|                                | 1 Pkt. Tomato, Early           |
|                                | 1 Pkt. Turnip, Early           |

16 Large Size Packets for only

50c POSTPAID

### GARDEN BEAUTIFUL COLLECTION

- |                            |                          |
|----------------------------|--------------------------|
| 1 Pt. Asters, Finest Mixed | 1 Pkt. Marigold, Mixed   |
| 1 Pkt. Ageratum            | 1 Pkt. Mignonette        |
| 1 Pkt. Alyssum             | 1 Pkt. Nigella           |
| 1 Pkt. Balsam              | 1 Pkt. Poppy, Mixed      |
| 1 Pkt. Candytuft           | 1 Pkt. Phlox, Mixed      |
| 1 Pkt. Morning Glory       | 1 Pkt. Nasturtium, Mixed |
| 1 Pkt. California Poppy    | 1 Pkt. Pansy, Mixed      |

1 oz. Sweet Peas Mixed

The above collection will give you a continuous show of beautiful flowers from early spring until late fall.

FOR 50c POSTPAID

### OUR FAMOUS MONTANA COLLECTION

Beans, Golden Wax  
Beet, Early Blood Turnip  
Carrot, Pride of Denmark

Lettuce, May King  
Onion, Mountain Danvers  
Peas, Little Gem

Radish, Extra Early Saxa  
Radish, White Icicle  
Tomato, Market King

One packet each of the above varieties (value 85c) mailed to any address, postpaid, for 75c.

### FARM GARDEN COLLECTION FOR \$1.50

- |                               |                            |                                  |
|-------------------------------|----------------------------|----------------------------------|
| 1 Pkt. Beet, Early Round Red  | 1 Pkt. Cauliflower         | 1 Pkt. Parsley                   |
| ½ Lb. Beans, Early Yellow Wax | 1 Pkt. Lettuce, Loose Leaf | ½ Lb. Peas, Early Dwarf          |
| ½ Lb. Beans, Green Pod        | 1 Pkt. Lettuce, Head       | ½ Lb. Peas, Medium               |
| 1 Pkt. Cabbage, Early         | 1 Pkt. Musk Melon, Early   | 1 Pkt. Radish, Early Round Red   |
| 1 Pkt. Carrot, Medium         | 1 Pkt. Onion, Red          | 1 Pkt. Radish, Long              |
| ½ Ib. Corn, Sweet, Early      | 1 Pkt. Onion, Yellow       | 1 Pkt. Turnip, Early             |
| 1 Pkt. Cucumber, Early        | 1 Pkt. Parsnip             | 1 Pkt. Tomato, Early             |
|                               |                            | 1 Pkt. Rutabaga, American Purple |

This Collection of Twenty-three Large Size Packets and ½ Pounds, sufficient for a family garden, All for \$1.50 Postpaid

OUR GARDEN SEED COLLECTIONS WILL SAVE YOU MONEY



S. N. & S. CO'S.  
PEERLESS

# VEGETABLE SEEDS

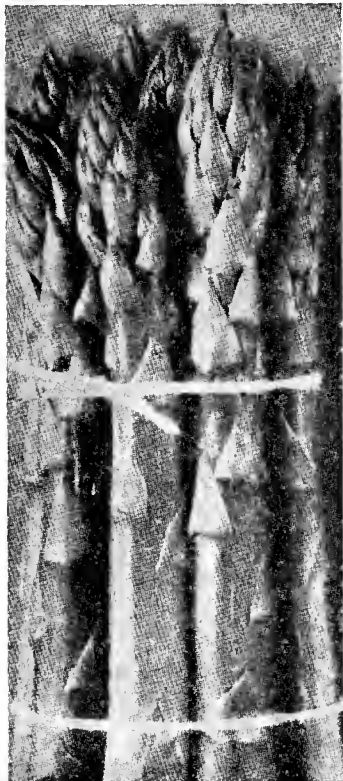
COMPLETE  
LIST

ALL VEGETABLE SEEDS ARE POSTPAID UNLESS OTHERWISE NOTED

In our vast Seed Testing Grounds all of our vegetable seeds are tested and tried and only after exhibiting all the factors that bring them as near perfection as possible are they offered to you, our friends and customers as State Nursery and Company's PEERLESS SEEDS.

The maintenance of our seed testing grounds which assures you of only the best seeds is a service which only a few of the very largest seed houses in America offer and added to this you have our forty-two years of experience in Montana and the Northwest, something which no other Firm can offer you.

## ASPARAGUS



Asparagus

1 oz. to 50 feet of drill.  
5 lbs. to the acre.

Ger.—Spargel. Scand.—Asparges

Sow early in the spring in drills 2 inches deep and 12 inches apart if to be cultivated by hand. One ounce of seed will make about 500 plants. When the plants are one or two years old transplant to rows 5 feet apart, and 18 inches apart in the row. Cover the soil 4 to 5 inches deep with well rotted manure and disc well—then plow as deep as possible and fine with harrow. Turn furrows 5 feet apart, about 6 inches deep. Place plants in rows about 18 inches apart, with roots well spread out. Turn a light furrow back over them and level with the harrow by cross harrowing.

### ASPARAGUS

**Conover's Colossal**—A favorite in our western market, having a pink tinge, and very fine flavor, of vigorous growth. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., \$1.25.

**Palmetto**—The plants are strong and vigorous in growth, producing large, thick, dark green shoots, with a distinctly pointed head or tip. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., \$1.25.

**Washington**—The New Giant Rust-proof Variety—This new sort is the result of many years' work in plant breeding by the U. S. Department of Agriculture. The Washington is a rust-resistant, vigorous, high-yielding strain of Giant Asparagus. Plants grow rapidly and produce uniformly long shoots of superior table qualities. It produces large straight shoots of a dark green color. The tips are tight and firm and do not open out or begin to branch until well out of the ground; a very valuable feature. Pkt., 10c; oz., 25c; ¼-lb., 60c; lb., \$1.50.

ASPARAGUS ROOTS—(See Page 48)

### OUR LITTLE PRUNING BOOK

Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc. Each, postpaid, 30c.



### ASPARAGUS KNIFE

This Asparagus Knife is made of the best steel, cutting edges are hardened and tempered to stand rough usage. Used also as digger and weeder for long tap-rooted weeds such as dandelions. Each, 50c; postpaid, 60c.

### DWARF SHELL BEANS

Shell Beans are grown exclusively to use as dried beans during winter. The food value of dry beans is very high. Sow 16 to 24 lbs. to the acre.

**Great Northern Navy**—This variety is especially adapted to Montana soil and climate, and is being grown in increasing quantity each season. In our opinion it leads all other varieties of Navy Beans. Its flavor and tenderness as a baked bean are "par excellence." Pkt., 5c; ½-lb., 15c; lb., 25c; 2 lbs., 40c.

FOR LARGER QUANTITIES—See Field Seeds

NEW AND BETTER DAHLIAS—SEE COLLECTIONS—Pages 8, 9, and 10

## ARTICHOKES

### Jerusalem

Most valuable food for hogs that can be grown. Every hog raiser should plant them. They are not only very healthful, but as a fattening agent are unexcelled. They yield very heavily, 300 to 350 bushels to the acre being realized on good soil. It is not necessary to dig them for if given an opportunity, the hogs will help themselves. Artichokes need planting but once, and little or no culture after the first year. Cut as potatoes, only smaller; plant in rows three and one-half feet apart. Plow deep, plant shallow, say two inches. The second year, break up the ground as for corn, they will come up thickly all over the surface. Those wishing to purchase should place orders early. Per lb., 25c; 5 lbs., \$1.10; 10 lbs., \$2.00; 25 lbs., at 15c per lb. by express. Write for prices on larger lots.



Jerusalem Artichokes

### BROCCOLI or Winter Cauliflower

¼-oz. to 100 feet of drill—2 to 3 ozs. to the acre.

Ger.—Spareekohl.

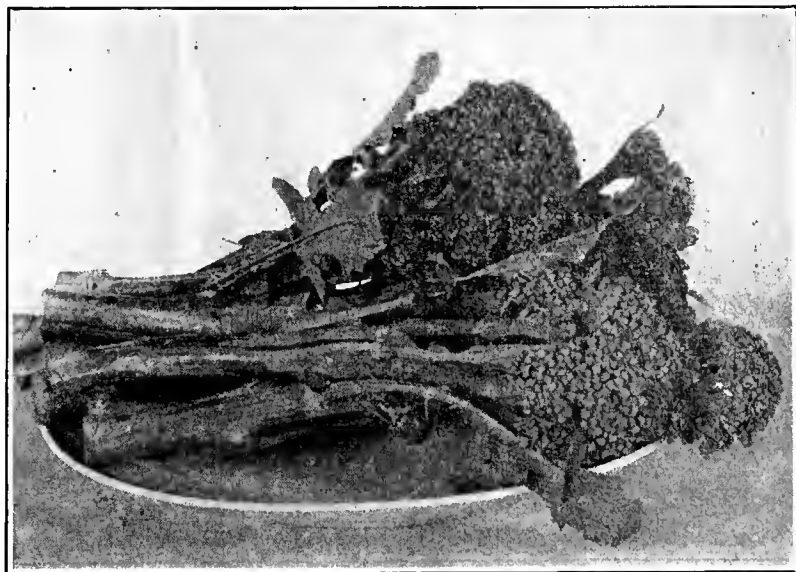
Scand.—Broccoli-kaul.

(One ounce will produce about 3,000 plants)

Sow the first week in May in drills 3 to 4 inches apart, covering seeds lightly. When the leaves are about three inches broad, transplant to prepared beds 2 feet apart each way. Resembles Cauliflower, cultivation the same.

**BROCCOLI—Snow White**—150 days—Pure white color; heads medium size, close and compact. Pkt., 10c; oz., 75c; ¼-lb., \$2.50.

**BROCCOLI—Green Sprouting**—An entirely different and distinct vegetable recently introduced from Europe; is rapidly becoming popular in this country. This variety is another distinct departure from Broccoli in which the sprouting branches have loose flower heads at the ends, which can be broken off and cooked like Cauliflower or Brussels Sprouts. The sprouting Broccoli provides delicious, healthful, boiling greens during summer, autumn, and early winter. The very choice variety which we offer has green, tender shoots and leaves, produced in the greatest abundance. Cultivation is the same as that for cabbage, sowing from March to early July, transplanting later, 2 feet or more apart. Broccoli is preferred by many to Cauliflower. Cut when the buds begin to burst into flower. Pkt., 10c; ½-oz., 45c; oz., 75c; ¼-lb., \$2.75.



BROCCOLI—Green Sprouting

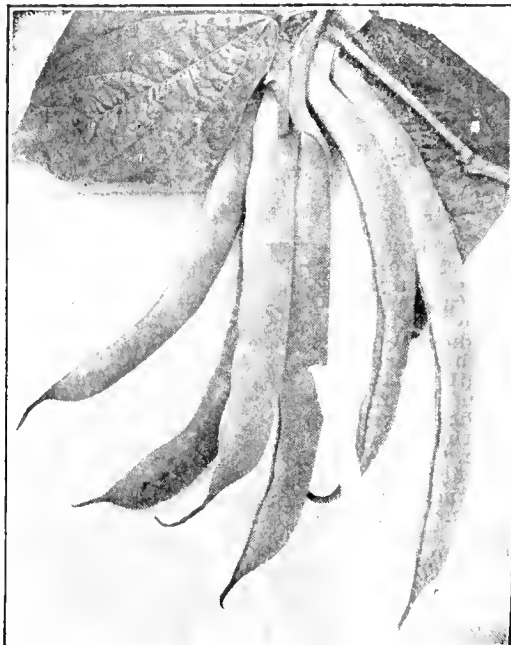
INOCULATE THIS  
SEED WITH  
STIMUGERM

# BEANS

INOCULATE THIS  
SEED WITH  
STIMUGERM

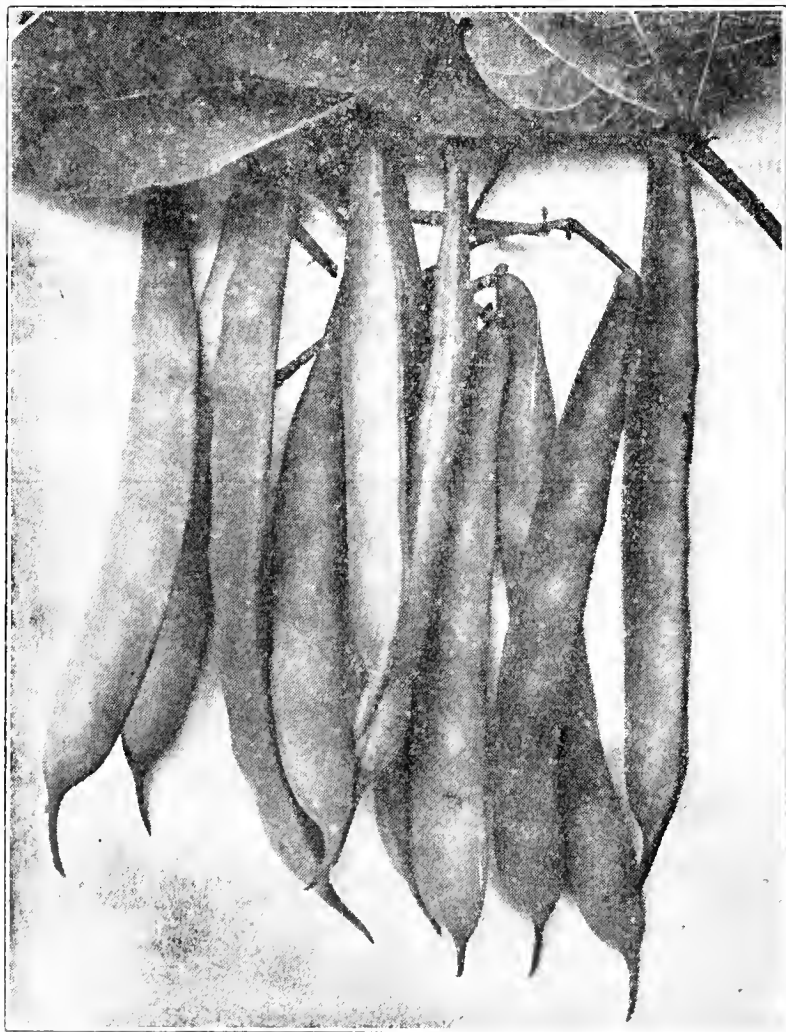
## DWARF OR BUSH, GREEN PODDED VARIETIES (THE FIVE BEST GREEN PODDED BEANS FOR MONTANA)

NOTICE—If ordered alone add for mailing, 5c per ½-pound, 10c per pound, and 15c per 2 pounds



**Bountiful**

**Long Yellow Six Weeks**—Are large, vigorous, erect and very productive. The pods are long, about six inches, straight, flat, handsome, rather light green and when young are of a good quality for snaps. Seed medium sized, long, kidney-shaped, light yellow with small brownish circle about the eye. Is early maturing and much used for the home garden and market. 62 days. Pkt., 5c; ½-lb., 25c; 1 lb., 40c; 2 lbs., 70c.



**Long Yellow Six Weeks**

**Bountiful**—This excellent dwarf, green podded sort is similar in appearance to Early Yellow Six Weeks but is of much better quality. The vines are vigorous and productive. The pods are very long, six to seven inches, straight, broad, flat, light green of handsome appearance and absolutely stringless. They are tender and brittle. The pods are longer, broader, and have much longer tips than those of Long Yellow Six Weeks. Seed medium sized, kidney shaped, light yellow with brownish circle about eye. Bountiful is a most desirable early sort. 62 days. Pkt., 5c; ½-lb., 25c; 1 lb., 40c; 2 lbs., 70c.

### OUR LITTLE PRUNING BOOK

Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc. Each, postpaid, 30c

### FELTHAM PROLIFIC

"THE GREATEST  
PRODUCER YET  
INTRODUCED."  
A MARVEL OF  
PRODUCTIVENESS.

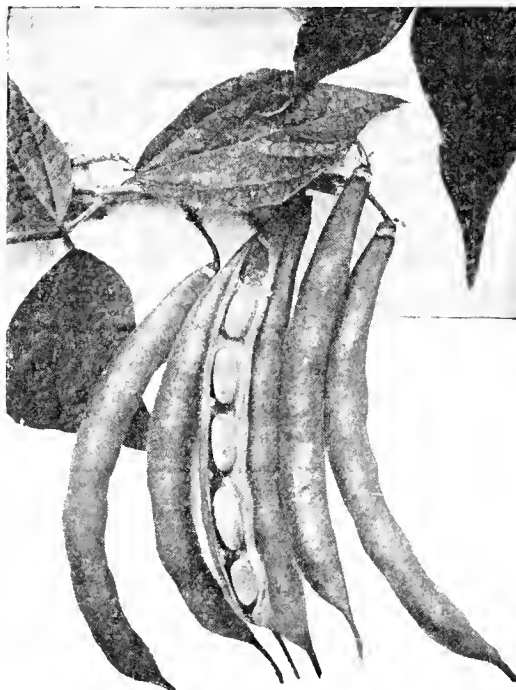


**Feltham Prolific**

**Feltham Prolific**—Is a dwarf green bean and one of the heaviest croppers yet introduced. It produces a mass of medium sized, rich green fleshy pods which are very crisp, and stringless. As the seed is small they do not quickly show through the pods. This is a great advantage as many other good varieties age so quickly that they are useless if allowed to go a day or two too long. "Feltham Prolific" is dwarf with dark green foliage and remarkably quick in growth. A test of ¼-lb. of seed in Montana yielded 10 lbs. of dried beans. Try this sweet and delicious bean. They are really wonderful. Pkt., 10c; ½-lb., 25c; 1 lb., 45c; 2 lbs., 80c.

### Stringless Green Pod

—Flat pods ready for use within 65 days after sowing seeds. Remains tender and crisp a long time after reaching full size. Pods are pale green, long and round, meaty and of excellent flavor. The plants have a spreading habit of growth and produce large quantities of pods which are very uniform both in size and shape. Pkt., 5c; ½-lb., 25c; 1 lb., 40c; 2 lbs., 70c.



### BOOKS ON HORTICULTURE

In the back of the book you will find listed a carefully selected list of the best books on horticulture and kindred subjects. The prices given include postage.

**Extra Early Red Valentine**

**Extra Early Red Valentine**—Is very hardy and early, germinates in cold ground where other sorts would rot. Vines are about 15 inches high, yield well; pods are round and fleshy and eaten when young are of good quality. The demand for a hardy early bean of good quality has established a reputation for this excellent sort. For market garden and home use it is an easy winner. 65 days. Pkt., 5c; ½-lb., 25c; 1 lb., 35c; 2 lbs., 65c.

NOTICE—On Beans in lots of 5 lbs. or more of one variety deduct 5c per lb. when ordering by express or freight. NOT PREPAID.

WE LIKE TO HAVE VISITORS—THEY ARE OUR BEST ADVERTISERS



**INOCULATE THIS  
SEED WITH  
STIMUGERM**

# BEANS

**INOCULATE THIS  
SEED WITH  
STIMUGERM**

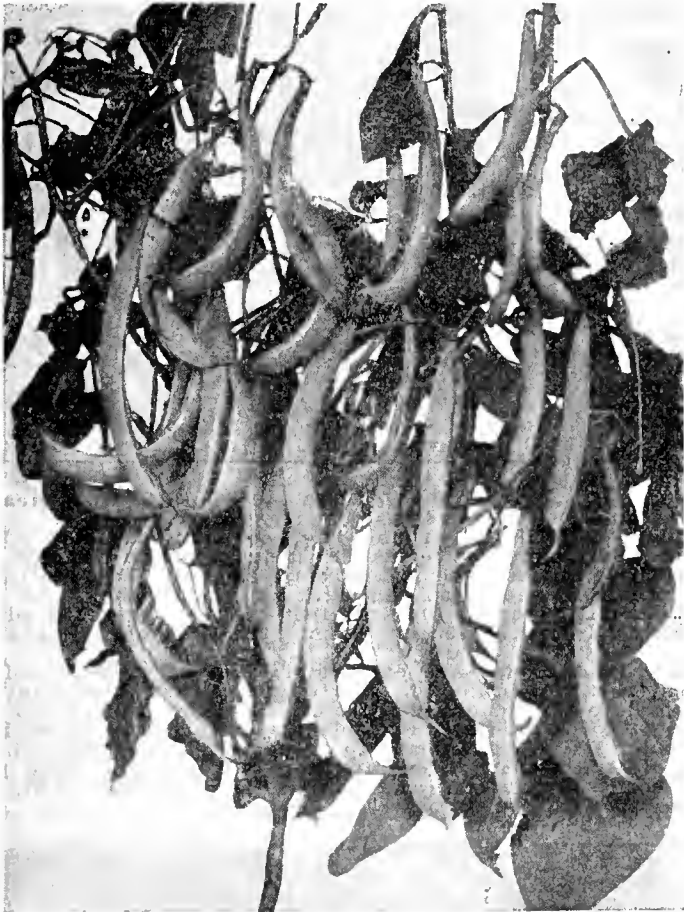
(2 lbs. to 100 feet in drill, or 150 hills; 120 lbs. to the acre, in drills.)

Beans require a light friable soil with plenty of moisture. In the garden, the soil should be made mellow and rich, and kept so. All pole varieties should be provided with poles as a trellis on which to climb. For garden crop, a succession of sowings can be made from the first week in May until the middle of June. Sow in rows 18 to 24 inches apart and cover from 1 to 2 inches deep, but not more. Keep the pods picked and the vines well watered and the beans will continue bearing much longer than if allowed to dry up. Hoe the rows occasionally. For farm crop, plant about 25 pounds per acre in rows 36 inches apart. Heavy clay or adobe soils are not suitable for beans.

## DWARF, CR BUSH, WAX OR YELLOW PODDED VARIETIES

### THE SIX BEST YELLOW PODDED BEANS FOR MONTANA

NOTICE—If ordered alone add for mailing, 5c per ½-lb., 10 cts. per lb., 15c per 2 lbs.



**Early Wonder Wax**

**Early Wonder Wax**—Belongs to the flat podded class and grows a strong plant, 18 inches high. It is well loaded with pods, five to seven inches long; flat, plump, handsome and meaty, of a clear, waxy, yellow color. As to quality the pods are tender, brittle and of fine texture. We claim this is the earliest wax-podded bean. In edible condition sooner than any other wax-podded sort. Practically rust-proof; a bountiful yielder, in bearing for long season, it is an ideal bean for the home and market gardener. It seems determined to yield a crop in good weather or bad. It is a real money maker for the market gardener. Ready to pick in 55 days. Pkt., 5c; ½-lb., 30c; 1 lb., 50c; 2 lbs., 90c.

**Improved Golden Wax**—Probably the best known of all Wax Beans; it is the ideal Wax Bean; very prolific. Thick fleshed and stringless. 60 days. Pkt., 5c; ½-lb., 25c; 1 lb., 45c; 2 lbs., 80c.



**Stringless Wax  
Sure Crop**

**Sure Crop Stringless Wax**—Very much resembles Bountiful in the sturdy character and disease resistant constitution of its plants. It also starts bearing within 60 days after seeds are sown, but if anything its bearing season is longer. The pods average 6 to 7 inches long, are very meaty, flat but thick through, and we have never found a stringy specimen. In common with most black-seeded varieties, Sure Crop Stringless Wax is very hardy and may therefore be planted several days earlier than the light seeded varieties. 65 days. Pkt., 5c; ½-lb., 25c; 1 lb., 45c; 2 lbs., 80c.

On Beans in lots of 5 lbs. or more of one variety deduct 5c per lb. when ordering by express or freight. NOT PREPAID.



**Black Wax—Pencil Pod**

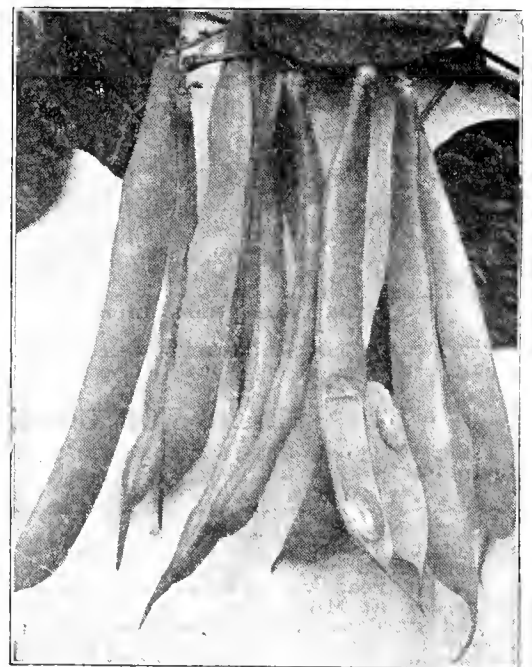
**Black Wax—Pencil Pod**—Is the most satisfactory of the early dwarf Wax Beans. Of dwarf, bushy growth, about fifteen inches high, large luxuriant foliage, beneath which in great clusters will be found an enormous crop of beautiful straight yellow pods six to seven inches long, well rounded, deeply "saddle backed," meaty and solid clear through; they are brittle, of rich mild flavor, and entirely stringless. An early sure cropper; of the finest quality. 65 days. Pkt., 5c; ½-lb., 25c; 1 lb., 45c; 2 lbs., 80c.

**Davis White Wax—Extra Early**—This is also called the Davis White Kidney Wax. It is a well known variety. The plants are very hardy and productive and is a handsome wax-podded white seeded intermediate sort. The plants are very vigorous. The pods are remarkably long, about six inches, sometimes longer. They are handsome, light yellow, straight, very attractive and are crisp and tender. The dry beans are excellent for baking. Seed medium large, clear white and kidney shaped. 55 days. Pkt., 5c; ½-lb., 25c; 1 lb., 45c; 2 lbs., 80c.

**INOCULATE THIS  
SEED WITH  
STIMUGERM**

### Wardwell's Kidney

**Wax**—In western prairie soil this sort is at its best, and gives most gratifying results. The pods are seven inches long, flat, brittle, stringless, straight, finely shaped, a beautiful yellow, distinct and attractive; they make delicious eating. A good yielder; good in the home garden and profitable for the market. 60 days. Pkt., 5c; ½-lb., 25c; 1 lb., 45c; 2 lbs., 80c.



**Wardwell's Kidney Wax**



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SEED WITH  
STIMUGERM

## BEANS---Pole or Running

INOCULATE THIS  
SEED WITH  
STIMUGERM

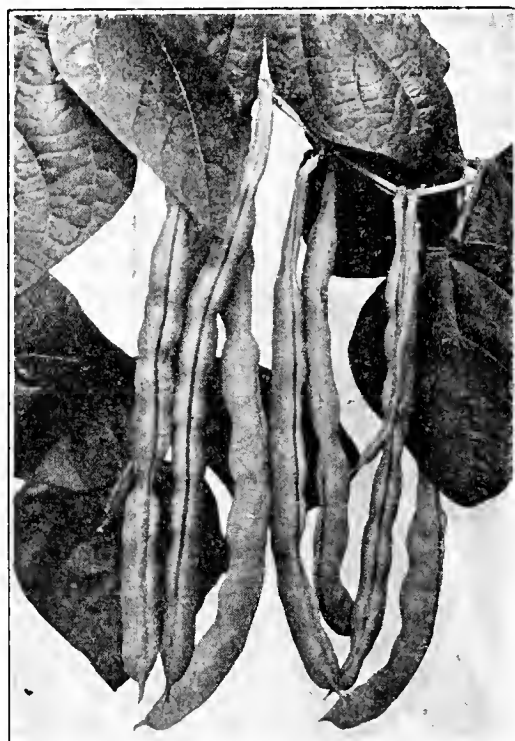
NOTICE—If ordered alone add for mailing, 5c per ½-pound, 10c per pound, and 15c per 2 pounds

Pole beans well deserve to be used more largely than they are since they yield much more heavily than the dwarf varieties. They persist in blossoming and bearing an abundance of fleshy, tender beans until the vines are killed by frost. They are rather more sensitive to the cold and wet than the dwarf varieties and should be planted later. About the middle of May plant four to six beans around poles eight to ten feet high, setting poles four feet apart each way. Thin to three plants to a pole if the soil is rich.

**Kentucky Wonder or Old Homestead—Green Pod**—Pronounced by experts the best flavored of all Beans in cultivation. Kentucky Wonder combines size and quality in an extraordinary degree. Pods are generally borne in clusters of 2 or 4, individual pods averaging 7 to 8 inches long. They are deeply saddle backed, very fleshy and perfectly stringless at all stages of development. Kentucky Wonder matures the bulk of its crop in 80 days. Seeds sown along with the earlier varieties of Bush Beans will yield a crop just about the same time that the Bush Beans are through bearing. Where poles are not available, string supports should be provided since the vines are exceedingly rank growers, bearing exceptionally heavy crops. Pkt., 5c; ½-lb., 25c; 1b., 40c; 2 lbs., 70c.

**Kentucky Wonder Wax—Yellow Pod**—The best pole wax bean for northern planting. It is similar in habit of growth to "Kentucky Green Pod" and bears as early, or when about as high as the average bush bean. Pods are beautiful golden-yellow, and so fleshy that often the thickness surpasses the width; make delicious eating. Pkt., 5c; ½-lb., 25c; 1b., 45c; 2 lbs., 80c.

**Scarlet Runner**—An English bean of great merit; very tender and sweet; also grown as ornamental flowering vine for trellises. Pkt., 5c; ½-lb., 30c; 1b., 50c; 2 lbs., 90c.



Kentucky Wonder or Old Homestead

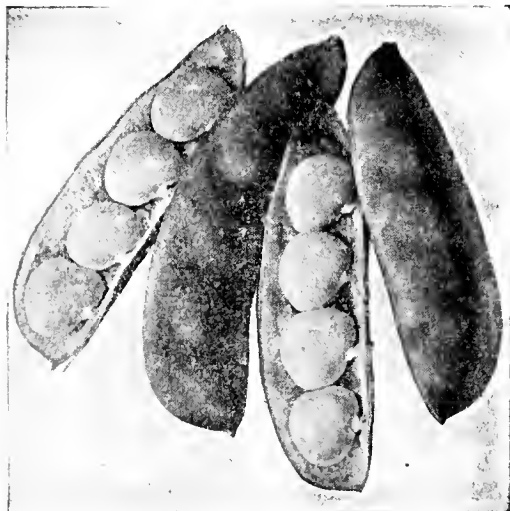
StimUplant  
Makes a  
Wonder Garden

## BEANS---BUSH LIMA

Two pounds will plant 100 feet of row.

Lima Beans are very susceptible to cold and seeds should not be planted until the ground has become thoroughly warm. They should be sown on well enriched land, with the rows 2½ feet apart, dropping the beans six inches apart in the row, **eye down**. Unless the Beans are placed "eye down" the young plants find it most difficult to push through the soil. Frequently the neck of the seedling is broken in the attempt which of course stands for loss of the plant. In light soil, cover about one inch deep, less on heavier soils. A good fertilizer applied at the rate of 20 pounds to every hundred feet of row, when the plants begin to bloom, will materially increase the yields. Hill plants slightly early in the season to hold the pods off the ground.

**English or Broad Windsor**—This bean is very hardy, and should be planted in the spring as soon as the soil is in good condition. Plant four inches apart and 2 inches deep in drills three feet apart, to insure well filled pods; pinch off the tops as soon as pods begin to set. 65 days. Pkt., 5c; ½-lb., 25c; 1b., 45c; 2 lbs., 80c.



Henderson's Bush Lima

practically white and keep well for winter shell beans. Pkt., 5c; ½-lb., 25c; 1 lb., 45c; 2 lbs., 80c.

**Henderson's Bush Lima**—This variety belongs to the small Limas, known as Carolina or Sieva Lima Beans. On account of their hardness they are worth growing in the North, where they will mature early and produce an enormous crop. A week earlier than Burpee's Bush Lima and the flavor is delicious and sweet. The plants are of true bush growth and bear tremendously, each pod being filled with flat light green beans. When mature, the beans are

**Burpee's Bush Lima**—Are early and of stout growth and always erect, yet branching so vigorously that each plant develops into a rounded bush from 2 to 3 feet in diameter and from 18 to 24 inches tall. Pods are uniform in size with an average of five large beans to a pod. They are thin-skinned and of fine flavor. They are immense yielders. The pods are borne in clusters and are easily gathered. Pkt., 5c; ½-lb., 25c; 1b., 45c; 2 lbs., 80c.



Burpee's Bush Lima

### LIMA BEANS FOR COOKING ONLY

1 lb., 15c, postpaid, 24c; 2 lbs., 24c, postpaid, 34c; 5 lbs., 50c, postpaid, 68c.

State Nursery and Seed Co.,  
Helena, Mont.

Lavina, Mont.

Gentlemen:

Last year we ordered seed from you for our small garden at Miles City. We want to state that we have had gardens in Oregon, Washington and Montana and our garden last year, from your seed, was by far the best we have ever had. We attribute this to the excellent varieties and quality of your seeds. Our garden was one of the earliest and best in Miles City.

MR. AND MRS. J. K.

NOTICE—On Beans in lots of 5 lbs. or more of one variety deduct 5c per lb. when ordering by express or freight. NOT PREPAID.

OUR SEEDS ARE ALL TESTED AND TRIED IN OUR TESTING GROUNDS

INOCULATE THIS  
SEED WITH  
STIMUGERM

# TABLE BEETS

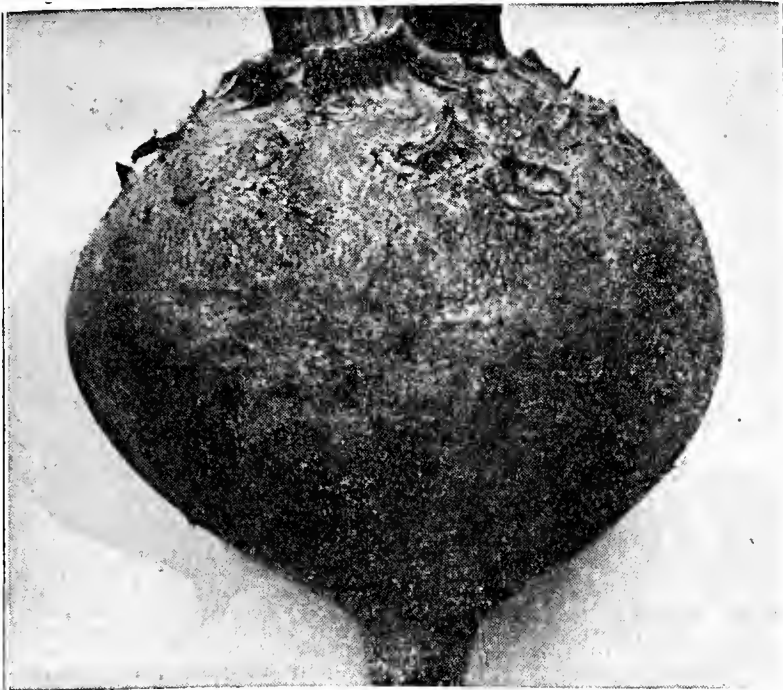
INOCULATE THIS  
SEED WITH  
STIMUGERM

Ger.—Rube.

EAT WHEN YOUNG DIRECT FROM YOUR OWN GARDEN

Scand.—Rodebede.

**HOW TO PLANT**—The soil should be rich and deeply plowed, say 8 to 10 inches. Sow in rows 14 to 20 inches apart and about 1 to 1½ inches deep. As soon as the plants have the fifth and sixth leaf, thin to one plant each 3 inches apart. If under irrigation, water as soon as thinned. Cultivate often and do not water again until absolutely necessary as the soil will dry from the surface down and the top roots will follow. Careful tests have proven that one cultivation a week gives the best results. Keep clean and remember that cultivation is the next thing necessary after the best seeds and the two are necessary for success. (One ounce to 100 feet of drill, 5 to 6 lbs. per acre, in drills. 15 to 20 lbs. to the acre broadcast.)



Beet—Crimson Globe

**Crimson Globe**—Beets may come and Beets may go, but still the Crimson Globe retains its position as one of the best Beets for the market gardener, as well as for the private garden. It is very symmetrical, with small tap root, and but few fibrous roots; color outside is deep blood-red; inside layers of blood-red, light grained and unsurpassed in quality. One sowing only is necessary to produce beets for market and main crop for winter use. 45 days. Pkt., 5c; oz., 20c; ¼-lb., 45c; lb., \$1.00.

**Early Wonder or Boston Crosby**—(35 Days)—This new variety is extremely early, deep red, tender and sweet. One of the earliest and most perfectly shaped Beets. Its beautiful, deep blood-red, nearly globular-shaped root, small-sized top, and small, clean tap root, make it desirable. Its attractive appearance, uniformity of size, shape and color, and excellent keeping qualities have created a splendid demand for this sort. Grown very extensively for late fall sowing, as it matures two weeks earlier than any other desirable Beet. A field of Early Wonder will mature so evenly that the entire crop may be harvested at any time. We urge that you give it a careful trial. Pkt., 5c; oz., 25c; ¼-lb., 50c; lb., \$1.25.

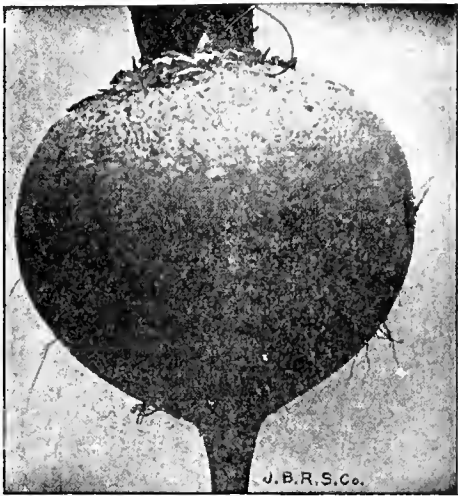


Beet—Early Wonder

WE HANDLE PLANET, JR., SEEDERS AND CULTIVATORS,  
ALSO BARKER WEEDER, MULCHER AND CULTIVATOR  
SEE LAST PAGES

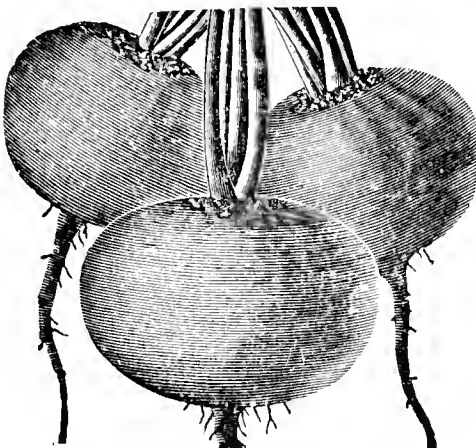
**Detroit Dark Red Turnip**—The roots are globular or ovoid. They are smooth and have but little tops. The skin is blood-red and the flesh dark red lined with a lighter shade. The flesh is tender and the flavor decidedly sweet. A popular favorite for canning because of its extra deep dark red color. 50 days. Pkt., 5c; oz., 20c; ¼-lb., 45c; lb., \$1.00.

StimUplanT  
Makes a  
Wonder Garden



Beet—Detroit Dark Red Turnip

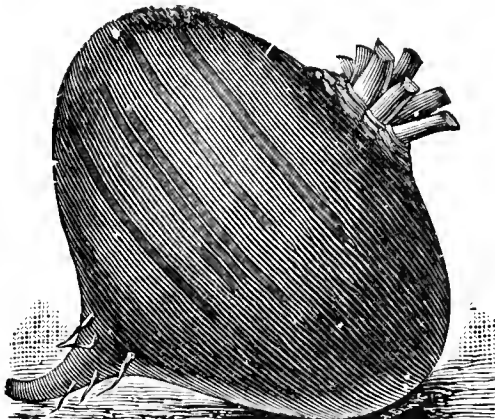
**Early Blood Turnip**—An extra selected stock of blood turnip, having larger, coarser tops and root than Detroit Dark Red and requiring a longer time to mature. The roots are dark red and nearly round or slightly flattened. The flesh is deep red, zoned with lighter shade, sweet, crisp and tender. This is an excellent market and home garden sort for summer and autumn use. 50 days. Pkt., 5c; oz., 20c; ¼-lb., 45c; lb., \$1.00.



Beet—Early Blood Turnip

**Half Long Blood**—An excellent main crop beet. A great favorite as a table or field sort. Roots deep red in color and always symmetrical and smooth. In quality it is sweet, crisp and tender, and is an enormous cropper and a reliable winter keeper. It is a heavy beet without being hard to pull. It never becomes woody and is always good for table use or stock food, whether pulled young or old. 60 days. Pkt., 5c; oz., 20c; ¼-lb., 45c; lb., \$1.00.

**Extra Early Egyptian**—This is the best variety for forcing. It is also excellent for first early crop outdoors, being very early, with small tops. The leaves are dark green shaded and veined with dark red. The roots are very dark red, moderately thick, a little rounded on top, distinctly flat on the bottom and about two inches in diameter when mature. The flesh is dark purplish red, zoned lighter shade; firm, crisp and tender. 40 days. Pkt., 5c; oz., 20c; ¼-lb., 45c; lb., \$1.00.



Beet—Extra Early Egyptian

OUR FAMOUS COLLECTION OF TWENTY DAHLIAS, ALL DIFFERENT, SEE PAGE 9



OUR LITTLE PRUNING  
BOOK

Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc. Each, postpaid, 30c.

## SUGAR BEETS

FOR SUGAR MAKING

5 to 6 pounds per acre in drills. 15 to 20 pounds per acre broadcast.

Sugar Beets are not as heavy yielders as the Mangels but are of superior quality containing a larger amount of sugar. They are excellent for feeding cows, improving wonderfully the quality and quantity of the milk. Sugar Beets require deep, well enriched soil. The seed should be sown in drills 2 to 2½ feet apart, and covered 1 to 1½ inches deep, any time during April, May or June. Thin the plants carefully to stand 8 inches apart in the row. They are easily stored in outdoor pits, covered with straw and soil. These and Mangels can be profitably grown on grain lands where summer fallowing is practiced. Any crop such as Beans, Corn, Beets, etc., which require cultivation, keeps the weeds down and leaves the soil in better condition to produce the grain to follow.

Klein's Wanzlebener  
Sugar Beet

**Klein's Wanzlebener**—Has rather long slender root, very rich in sugar; will yield under average conditions, 16 tons to the acre. All stock men know that sugar makes fat, and will realize its value as a stock food. 80 days. Pkt., 5c; ¼-lb., 25c; lb., 65c; 5 lbs., \$2.50; 10 lbs., \$4.50.

**Vilmorin's Improved**—This French variety is popular with sugar beet growers; contains a large percentage of sugar and requires less water than others. 80 days. Pkt., 5c; ¼-lb., 25c; lb., 65c; 5 lbs., \$2.50; 10 lbs., \$4.50.

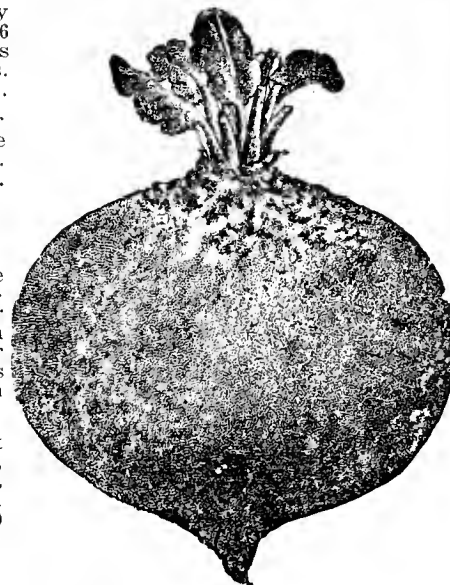
## HALF SUGAR AND HALF MANGEL

## For Stock Feeding

The ground should be thoroughly prepared and made firm and mellow, same as for Mangels. Seeding and cultivation should be continued in much the same manner except that they should be thinned out 6 to 8 inches in the row. The Giant Feeding Sugar Beets or Half Sugar Mangels are especially valuable for feeding stock as they give a feed of much greater nutritive value than Mangels.

**Giant Feeding or Half Sugar White Mangel**—The most valuable of all for stock feeding, very heavy yielder, the favorite with stock feeders, very easily pulled, growing half out of the ground. White flesh, green top. Pkt., 5c; ¼-lb., 25c; lb., 65c; 5 lbs., \$2.50; 10 lbs., \$4.50.

**Giant Feeding or Half Sugar Rose Mangel**—A magnificent sort, growing at least half out of the ground, rendering the crop easy to gather. Skin of the upper part is rose colored, and the lower part white. Flesh white, rose top. Pkt., 5c; ¼-lb., 25c; lb., 65c; 5 lbs., \$2.50; 10 lbs., \$4.50.



Mangel Wurzel—Yellow Globe

## MANGEL WURZEL

5 or 6 lbs. to the acre

An ever-increasing acreage is being planted for stock feeding purposes, because of the wonderful results obtained from feeding them. Root crops are a great necessity for all kinds of stock, also chickens. Root feeding not only gives high class tissue building substance to the body, but acts as a tonic, keeping the digestive organs in a healthy condition. Root crops should be regularly fed to all stock. Results will show not only in appearance but also in their increased weight, and in dairy stock will enrich and increase the flow of milk. The ground should be thoroughly prepared, and made firm and mellow. Sow in April and May in drills 2 to 3 feet apart. When 4 to 5 inches high thin to 12 to 15 inches apart. Harvest before frost and cut the tops off; by so doing danger of heating is avoided. Store in pits or cellars. A trial will convince you of their value.

## THE FOUR BEST MANGELS FOR MONTANA

**Mammoth Long Red**—This variety has produced the largest yield of any kind of Mangel at the field trials held at Cornell University. The quality of the roots for feeding is high. The roots grow very large and keep well. They are quite long, light red in color and grow well out of the ground so are easily harvested. Pkt., 5c; ¼-lb., 25c; lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.50.

**Danish Shudstrup**—Is considered the best of all Mangels, having been awarded first class certificate. In color it is reddish-yellow, and of a distinct type. It contains the largest per cent of nutriment found in any sort. It is very hardy, grows well above the ground and is easily pulled. Pkt., 5c; ¼-lb., 25c; lb., 65c; 5 lbs., \$2.75; 10 lbs., \$5.00.

**Golden Tankard**—A distinct variety, particularly valuable on account of its richness in saccharine matter, and highly prized by dairymen for its milk-producing qualities. All stock will thrive on it. The flesh, which is of a distinct deep yellow, is very sweet and tender. The large roots are oval in shape, and therefore will pull easier. 90 days. Pkt., 5c; ¼-lb., 25c; lb., 65c; 5 lbs., \$2.75; 10 lbs., \$5.00.

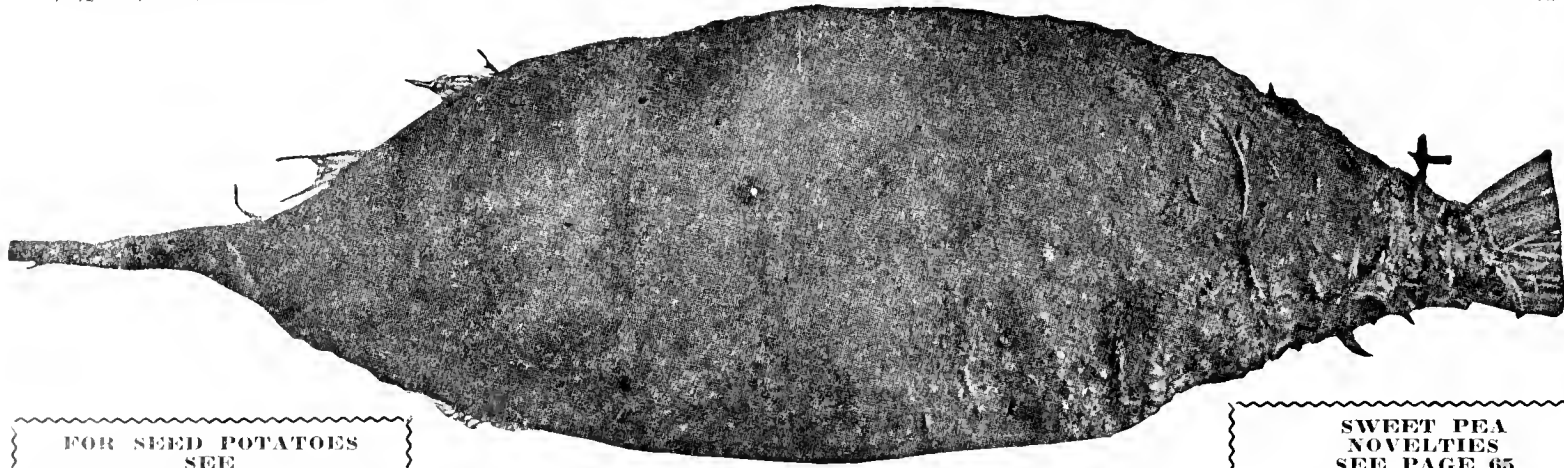
**Yellow Globe**—An especially good variety to grow if one has a limited supply of water; a great favorite for dairymen, making a wonderful increase in milk; easy to pull and harvest; tops are small. 85 days. Pkt., 5c; ¼-lb., 25c; lb., 80c; 5 lbs., \$3.50; 10 lbs., \$6.50.

## GROW MANGELS FOR POULTRY FEEDING

Mangels are as good for poultry feeding as for stock, and should be fed regularly in winter, when no other green feed is available. Mangels help furnish a balanced ration, and keep the hens healthy, stimulating the production of eggs, just when prices are highest. They cost but little, in money and labor, and often yield 15 to 20 tons of succulent roots per acre.

Chop or cut the roots and green tops, and feed with grain, at the rate of 25 lbs. for 100 hens per day.

Write for Price on 25-lb. Lots and Larger Quantities



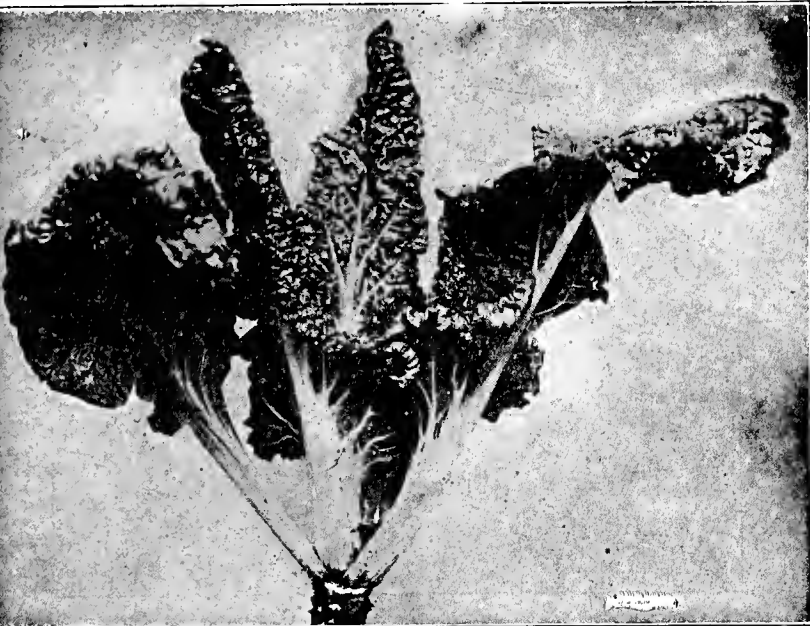
Mangel Wurzel—Mammoth Long Red

FOR SEED POTATOES  
SEE  
FIELD SEED SECTION

SWEET PEA  
NOVELTIES  
SEE PAGE 65

OUR FRUIT TREE AND SHELTERBELT COLLECTIONS WILL SAVE YOU MONEY





SWISS CHARD

Ger.—Briskohl. 2 ozs. to 100 feet of drill Scan.—Bladbed.  
Use Leaves and Leaf-Stalks Only as “Greens”

**SWISS CHARD—LUCULLUS—(Or Sea Kale Beet)**—Is a delicious vegetable that can be very easily grown. Europeans value it very highly, and it is rapidly growing in favor among Americans. Swiss Chard is used extensively either as greens or in the same manner as Asparagus, when only the rib is eaten. It may also be cooked and eaten like Spinach. Seed may be sown in April or May, in drills eighteen inches apart and an inch and a half deep. Thin the plants to ten or twelve inches apart and cultivate the same as for the common Red Beet. The outer leaves should either be cut off close to the base of the plant or pulled off when young, and may be picked continuously from June until frost, for when the leaves are cut others take their places very rapidly. 30 days. Pkt., 5c; oz., 25c; ¼-lb., 50c; lb., \$1.25.

BRUSSELS SPROUTS

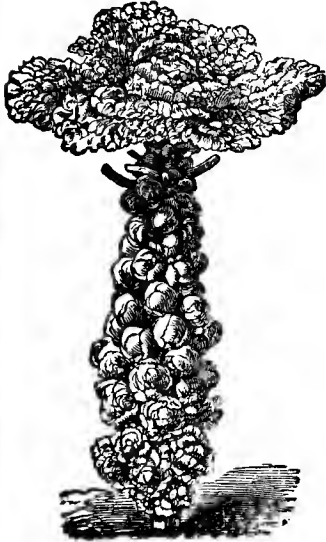
Ger.—Rosenkohl. Scand.—Rosenkaal.

**BRUSSELS SPROUTS**—Species of cabbage. One ounce will produce about 3,000 plants. A packet 200 plants. It affords fresh green sprouts in the fall when other vegetables are gone. The cabbage-like heads which grow upon the stem are much improved by a moderate frost. Sow in hot beds in March or April and in the open ground in May; cultivate same as cabbage.

**Improved Half Dwarf**—An improved variety growing about 20 inches high; produces sprouts in abundance; cut out head of plant when sprouts have formed. 25 days. Pkt., 5c; oz., 35c; ¼-lb., \$1.00.

**CHICORY**

**Whitloof or “French Endive”**—Seed sown in May or June produces roots which, when taken up and placed in sand in a warm dark place, throw out tender white sprouts which are used as salad. These sprouts are often called French “Endive.” Pkt., 10c; oz., 25c; ¼-lb., 65c; lb., \$2.00.



Brussels Sprouts

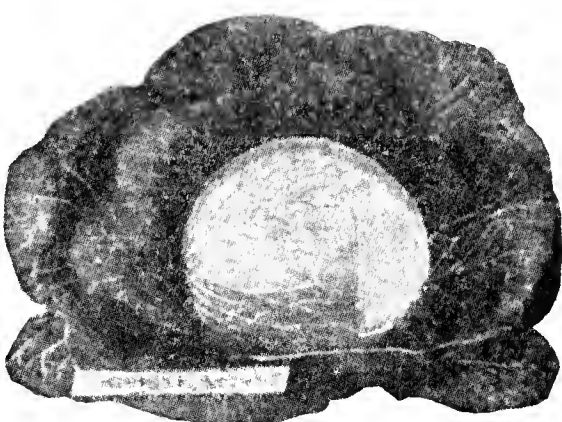
CABBAGE

One ounce will produce 3,000 plants; one-quarter pound will produce plants for one acre; ¼-oz. to 100 feet of drill.

The soil should be deep and rich. For early crop grow plants in hot beds, transplanting to cold frames and then as early as possible after danger of freezing to the open ground. Cultivate often and keep well watered if under irrigation. For late crops sow seed in open ground and transplant, or some succeed well by sowing seeds in hills where wanted and thinning to one. This avoids the necessity of waiting for a damp time to transplant.

**Extra Early Varieties**

**Early Jersey Wakefield**—Has been for many years one of the leading pointed head early Cabbage. Our strain is very early and practically all the plants produce heads of the correct shape and they mature almost at the same time. It has few outer leaves, and in compactness and regularity cannot be surpassed. The thick stout leaves and compact habit make it the best sort for very early setting. It frequently matures inside of 80 days from sowing. Pkt., 5c; ½-oz., 20c; oz., 30c; ¼-lb., 90c; lb., \$2.50.



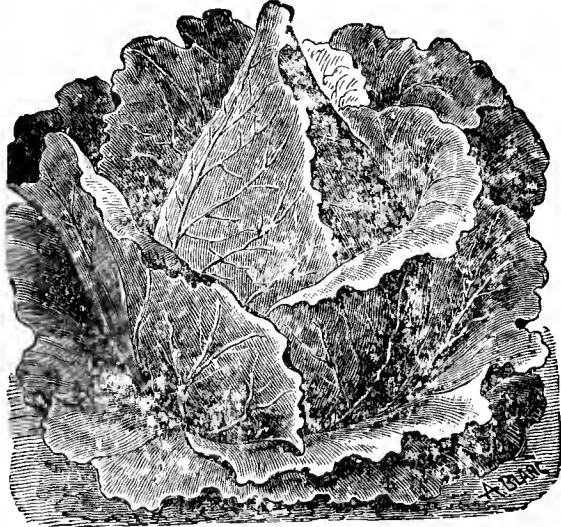
Cabbage—Earliest of All

**Earliest of All**—Is the earliest hard heading Cabbage in cultivation. Earliest of All combines earliness with solidity, good size, delicious flavor, tenderness and productiveness. We claim that it is the earliest Cabbage in cultivation. It has produced fine marketable heads in 70 days from the sowing of the seed; very compact with few outer leaves, permitting close planting. It is a great money maker for the market gardeners and valuable for the home garden. Pkt., 10c; ½-oz., 30c; oz., 50c; ¼-lb., \$1.50; lb., \$5.00.

Extra Early  
Winningstadt

A Medium Size  
Pointed Head  
Which Is Firm  
and Solid

A very fine header and will grow a hard head under circumstances where most sorts would fail. It will stand more frost, drought, wet, insects and diseases than any other early Cabbage. Plants very compact, with short thick leaves. Heads regular, conical and very hard. It is the latest of the pointed varieties. 90 days. Pkt., 5c; ½-oz., 20c; oz., 30c; ¼-lb., 95c; lb., \$2.75.



Cabbage—Early Winningstadt

**Copenhagen Market**—A new early variety, which is very popular with market gardeners. It is the finest large, round-headed early Cabbage in cultivation. It is also desirable on account of the remarkable characteristic of maturing the heads all at the same time, enabling the grower to gather his crop with less expense, and permitting the cleaning of the land at the first cutting. The heads average about ten pounds each in weight, are hard and solid and with small core. The quality is extra fine and sweet. It matures as early as the Wakefield and will yield more to the acre in weight. It is a short-stemmed variety, the heads nearly resting on the ground. The leaves are light green, rather small, saucer-shaped and tightly folded, making it possible to set them close together in the field. 85 days. Pkt., 10c; ½-oz., 25c; oz., 40c; ¼-lb., \$1.25; lb., \$4.50.

StimUplant  
Makes a  
Wonder Garden

CARCO  
VEGETABLE  
SPRAY

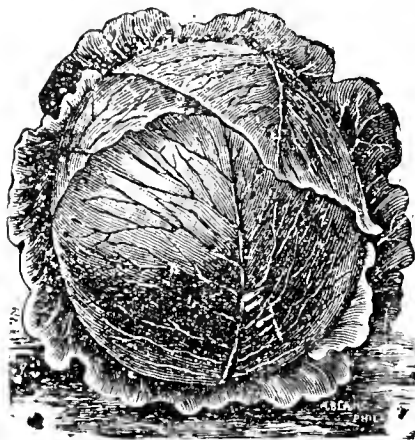
Controls the cabbage, turnip, beet, cauliflower, radish and onion maggot. See Index under Insecticides.



Cabbage—Copenhagen Market

**Glory of Enkhuizen**—The earliest and largest white Cabbage—attractive for market purposes. Solid with large ball-shaped heads, thin-ribbed and hard, few outside leaves; exceedingly tender. Is a dwarf and compact grower; allowing close planting; will yield more tons per acre than any other variety. 90 days. Pkt., 10c;  $\frac{1}{2}$ -oz., 20c; oz., 30c;  $\frac{1}{4}$ -lb., 90c; lb., \$2.75.

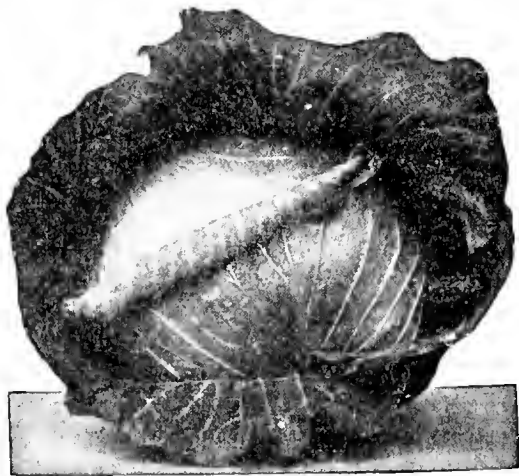
### Second Early Variety



Cabbage—Early Summer

**Early Summer**—A reliable second early Cabbage, which matures about ten days after the Jersey Wakefield. It makes a large, solid, flattish head, with short outer leaves, which admit of close planting in the field, and is a good keeper. This variety, maturing so soon after the pointed head sorts, is exceedingly valuable for growing as a second crop, and as it is suited to all sections it is very largely grown. 110 days. Pkt., 5c;  $\frac{1}{2}$ -oz., 20c; oz., 35c;  $\frac{1}{4}$ -lb., \$1.00; lb., \$3.00.

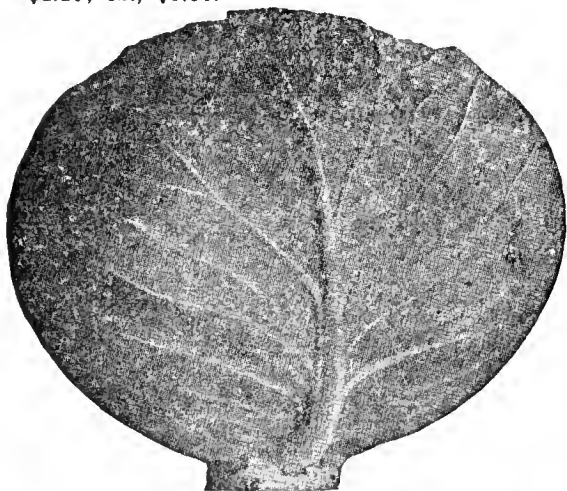
### Late or Winter Varieties



Cabbage—Large Late Flat Dutch

**Large Late Flat Dutch**—A low-growing variety, heads large, bluish green, round, solid, broad and flat on top; an excellent fall and winter variety, and a good keeper. It is a sure header. 120 days. Pkt., 5c;  $\frac{1}{2}$ -oz., 20c; oz., 30c;  $\frac{1}{4}$ -lb., 90c; lb., \$2.50.

**Hollander or Danish Ballhead**—Very hardy, handsome, very solid, of fine quality. Plant vigorous, compact growing, with longer stem than most sorts and exceedingly hardy in resisting cold and dry weather; leaves large, thick, bluish green covered with whitish bloom. Heads medium sized, round, very solid, and stands shipment better than any other late sort. 120 days. Pkt., 5c;  $\frac{1}{2}$ -oz., 20c; oz., 35c;  $\frac{1}{4}$ -lb., \$1.10; lb., \$3.50.

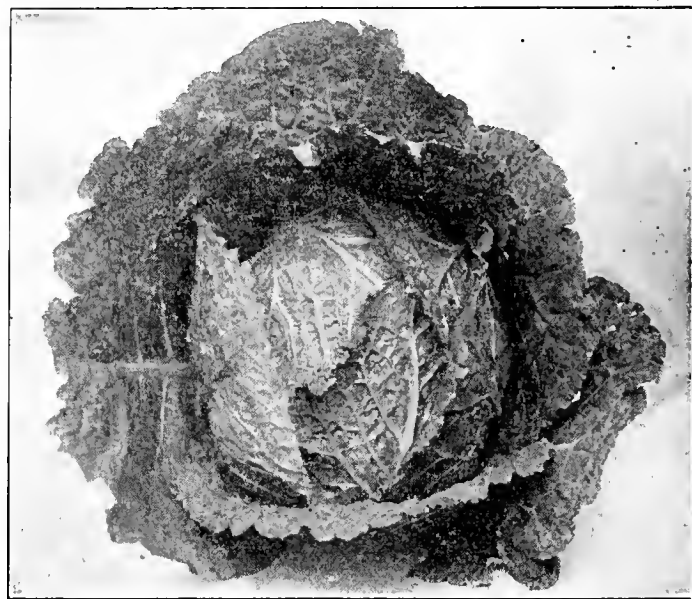


Cabbage—Hollander or Danish Ballhead

### HAMMOND'S SLUG SHOT

KILLS CABBAGE AND CAULIFLOWER WORMS  
SEE INDEX UNDER INSECTICIDES

**CARCO  
VEGETABLE  
SPRAY**  
Controls the  
Cabbage,  
Turnip, Beet,  
Cauliflower,  
Radish and  
Onion Maggot.  
See Index  
Under  
Insecticides.



Cabbage—Drumhead Savoy

**Drumhead Savoy**—The plants are vigorous, of medium size, with rather short stem and are very sure heading, the outer leaves are medium large, thick, fleshy and densely and uniformly crumpled; the heads are large, nearly round, fairly solid, sweet and tender. 110 days. Pkt., 5c;  $\frac{1}{2}$ -oz., 20c; oz., 35c;  $\frac{1}{4}$ -lb., \$1.00; lb., \$3.00.

**Danish Roundhead—(Short Stem)**—This is an improved form of the Danish Ballhead, and will average more in weight per head than the old parent type. Shorter stemmed, very vigorous and has developed a wonderful capacity for withstanding hot sun. Inside leaves blanch white, very solid, and exceedingly crisp and tender. 115 days. Pkt., 10c;  $\frac{1}{2}$ -oz., 25c; oz., 35c;  $\frac{1}{4}$ -lb., \$1.10; lb., \$3.50.

**Red Rock**—This is the largest variety of Red Cabbage, and produces heads which are remarkably solid, more so than any other kind. The heads, which are round, with spreading outer leaves, mature at a late season, and on account of their solidity will keep well for a long time. It is the best and most attractive Red Cabbage grown. Fine for pickling. 120 days. Pkt., 5c;  $\frac{1}{2}$ -oz., 20c; oz., 35c;  $\frac{1}{4}$ -lb., \$1.00; lb., \$3.00.

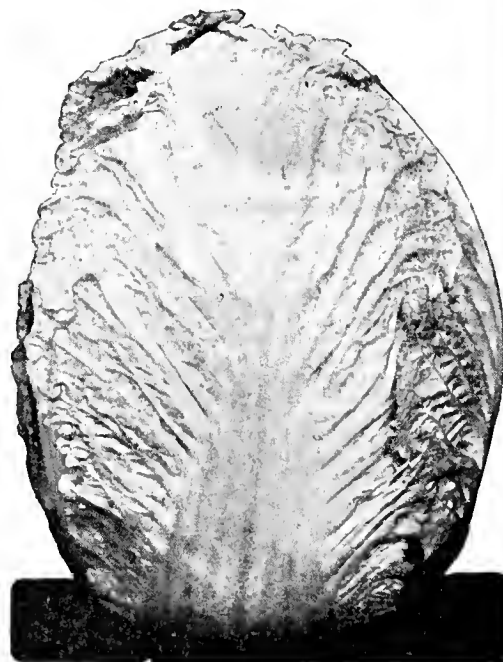
**Chinese Pe Tsai or Celery Cabbage**—This Chinese introduction is really of great merit, growing somewhat like the Cos Lettuce. Boiled and seasoned with butter it makes a most delectable dish, and is also a splendid base for salads. Sow rather later than ordinary Cabbage—as too early sowings have a tendency to run to seed too quickly. 75 days. Pkt., 10c;  $\frac{1}{2}$ -oz., 20c; oz., 35c;  $\frac{1}{4}$ -lb., 95c; lb., \$3.00.

### OUR LITTLE PRUNING BOOK

Clear and concise  
methods of pruning  
fruit trees, small  
fruits, trees, hedges,  
vines, roses, etc.  
Each, postpaid, 30c.

### BOOKS ON HORTICULTURE

In the back section  
of this Yearbook we  
list a carefully se-  
lected list of the best  
books on horticul-  
ture and kindred sub-  
jects. The prices  
given include post-  
age.



Chinese Pe Tsai or Celery Cabbage  
Blanched Head

OUR NEW SWEET PEA COLLECTIONS WILL SURPRISE YOU



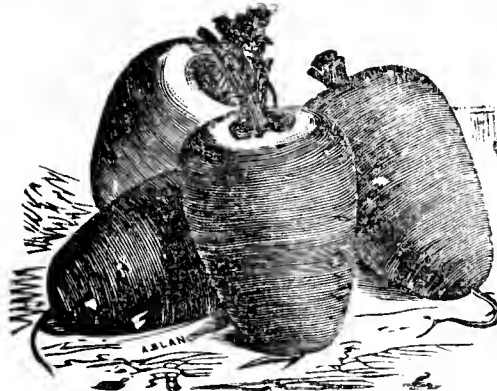
CARROT

Ger.—Moehre. Scand.—Gulrod.  
(One ounce to 100 feet of drill; 3 to 4 pounds to the acre.)

Good sandy loam is best adapted for Carrots of all varieties. The shorter varieties, however, can be sown on heavier soil with good results.

**Early French Foreing or Golden Ball**—It is an excellent Carrot for forcing as well as for an early supply from the garden. Small roots, 1½ inches in diameter, tender and of fine flavor. Rich orange skin and flesh. 50 days. Pkt., 5c; oz., 20c; ¼-lb., 50c; lb., \$1.25.

**Early Scarlet Horn or Short Horn**—One of the most popular early varieties for market or home. The roots measure 1½ inches in diameter and about 3 inches in length. They are a rich deep orange color, and of sweet flavor. It has sparse foliage. 55 days. Pkt., 5c; oz., 20c; ¼-lb., 50c; lb., \$1.25.



Carrot—Oxheart or Guerande

**Oxheart or Guerande**—Medium early bright orange color, fine grained and sweet, one of the best table varieties. Can be pulled by hand; well suited to heavy soils, but will thrive equally well in other situations. 70 days. Pkt., 5c; oz., 25c; ¼-lb., 50c; lb., \$1.25.

**Early Chantenay or Model**—A most excellent, medium early, half long variety. It is one of the best and also a desirable field sort. The tops are medium sized with small neck. The roots are thick, six inches in length, uniformly half long or stump rooted but tapering slightly, smooth, deep orange-red in color. The flesh is very crisp and tender. Variety is extensively used for bunching. 65 days. Pkt., 5c; oz., 20c; ¼-lb., 45c; lb., \$1.25.

**Danvers Half Long**—A standard variety and one of the heaviest croppers. Color dark orange, very thick shoulder, of a most excellent quality. Length, 7 to 7½ inches. 75 days. Pkt., 5c; oz., 25c; ¼-lb., 50c; lb., \$1.25.

**Improved Long Orange**—This is a variety of the largest size. The roots are uniform in size and form, smooth, and free from small rootlets, penetrating the soil very deeply. Of gradually tapering shape, holding their thickness well throughout the length; rich, deep orange coloring. It is a good keeper of fine quality for winter use. 80 days. Pkt., 5c; oz., 20c; ¼-lb., 45c; lb., \$1.25.

**Pride of Denmark**—A cross between the two well-known varieties, Nantes and Chantenay, this introduction unites the good qualities of both. **Pride of Denmark is an admirable Carrot for storing and shipping, holding to a remarkable degree its fine flavor, tenderness and crispness.** The long obtuse, cylindrical roots are absolutely smooth, of a beautiful scarlet color and best of all, are practically coreless. As the Carrots reach a good size (5 to 8 inches), your soil should be thoroughly prepared. Order early as this Carrot has already won marks of distinction, and the seed is going to be much in demand this year. Pkt., 10c; oz., 25c; ¼-lb., 90c; lb., \$2.50.

**S. N. & S. Co's. New Red Cored Chantenay**—This new Carrot meets the requirements of the home garden and market gardener. Tops are shorter and the foliage finer than the regular Chantenay. Strong tops, making bunching easy. The outstanding features of this Carrot are the smoothness of the roots, the excellent color of both the exterior and interior, the tenderness of the core and the very uniform and perfect stumping. The stock is very even and considerably earlier than the regular Chantenay. Excellent for slicing or for dicing in soups and salads. Roots tested for sugar average 10 per cent sweeter than any other Carrot. Pkt., 10c; oz., 25c; ¼-lb., 90c; lb., \$3.00.

GROW MORE ROOT CROPS

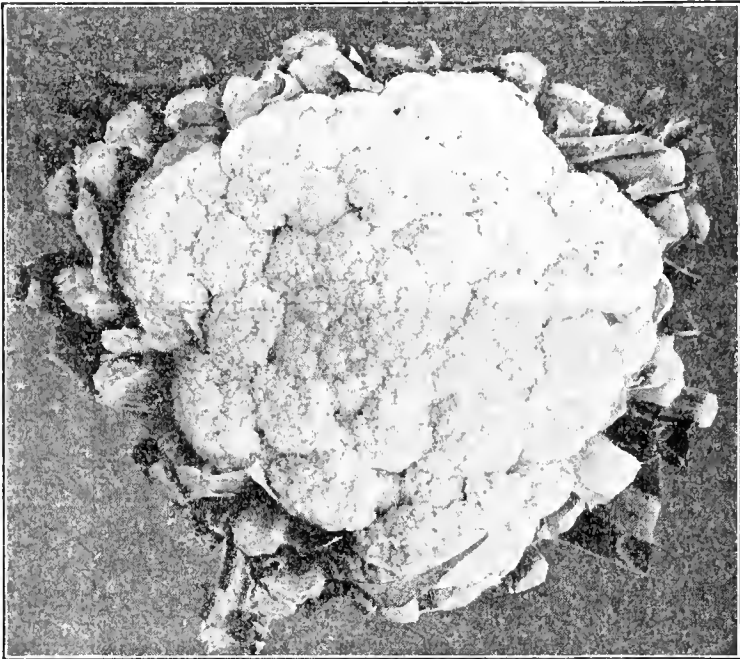
There is a wealth of satisfaction in being able to go to your root-cellar or "pit" in the garden during the winter months and dig up vegetables that sell on the market at 10 to 25 cents for a bunch of five. Their liberal use is most essential to our physical welfare. And they are so easy to grow that they may play quite a part in reducing the cost of living in the household of anyone enjoying the advantages of a small garden.

State Nursery and Seed Co.,  
Helena, Mont.

Gentlemen: We have always had wonderful success with your seeds and shall always recommend them. We had flowers long after others were frozen last year. The plants seem harder than those obtained from seeds purchased from other places.

MRS. T. V. L.,  
1246 W. Silver, Butte, Mont.

OUR FRUIT TREE AND SHELTERBELT COLLECTIONS WILL SAVE YOU MONEY—SEE PAGE 42



Cauliflower—Early Snowball

CAULIFLOWER

(One ounce for 3,000 plants)  
(¼-ounce to 100 feet of drill—two ounces to the acre)

**Culture**—Cauliflower is a gross feeder, and well repays heavy manuring and high culture. It succeeds best on well drained soil. For spring crop, plant the seed in protected beds early in February and the plants will be ready to transplant probably early in April. The young plants should be thinned, since they become very spindly if allowed to grow too thick in seed bed. Plant in rows two feet apart—eighteen inches in the row.

**Early Snowball**—Is the best all-round Cauliflower on the market for early or late use, for the family or the market garden. It heads where others fail. Its close and compact habit of growth permits one-third more to be planted on the same space of ground than can be done with other varieties. 90 days. Pkt., 25c; ¼-oz., 85c; ½-oz., \$1.50; oz., \$2.80; ¼-lb., \$8.50.

**Dry Weather or Danish Giant**—Is more resistant to unfavorable season than other sorts, particularly in dry weather. 100 days. Pkt., 15c; ¼-oz., 85c; ½-oz., \$1.50; oz., \$2.80; ¼-lb., \$8.50.

**Extra Early Snowball or Danish Perfection**—This new strain possesses all the good qualities of the best Early Snowball strains and in addition has shown an unusual uniformity in maturing, the crops being taken off clean at practically the first cutting. The leaves, very closely enfolding the head, give it a particularly attractive appearance, and as the inner leaves almost cover the snowwhite flower the necessary early tying up as in the case of other early sorts is largely avoided. It is the earliest strain of its type and recommended for extra early marketing. 80 days. Pkt., 15c; ¼-oz., \$1.00; ½-oz., \$1.85; oz., \$3.50; ¼-lb., \$10.00.

CARROTS FOR STOCK  
The Two Best Varieties

**Victoria**—There can be only one best stock Carrot, and we think our Mastodon is that Carrot, yet there are many who prefer a yellow Carrot. We can say that there is no yellow Carrot which can approach the Victoria in size, in yield and in feeding qualities. It is the largest and best form of orange or yellow Carrot known. The roots are remarkably fine, very symmetrical and of excellent quality, possessing high feeding properties. It is a heavy cropper on all soils, but is especially adapted for rich, strong land. It grows nearly half as much weight again an acre as the ordinary varieties, and as the roots grow more above the ground it is much easier to gather the crop. This grand variety is sure to suit every one who grows it. 90 days. Oz., 15c; ¼-lb., 30c; lb., 80c; 2 lbs., \$1.40; 5 lbs., \$3.25; 10 lbs., \$6.25.

**Mastodon**—It is the heaviest cropping Carrot grown, yielding more tons to the acre than any other sort. The flesh is white, crisp and very sweet in flavor. It is a vast improvement on the white and green Belgian sorts which have been favorites in the past; it is much more productive. The roots are short and very heavy at the shoulder, rendering them easily harvested. An important feature is that they do not easily break in pulling. Too much can scarcely be said of their size and great productiveness. The roots frequently measure 15 to 20 inches in circumference, and 19 to 40 tons to the acre is not an extravagant statement as to yield. 90 days. Oz., 15c; ¼-lb., 30c; lb., 80c; 2 lbs., \$1.40; 5 lbs., \$3.25; 10 lbs., \$6.25.



**CELERY**

Ger.—Sellerie.

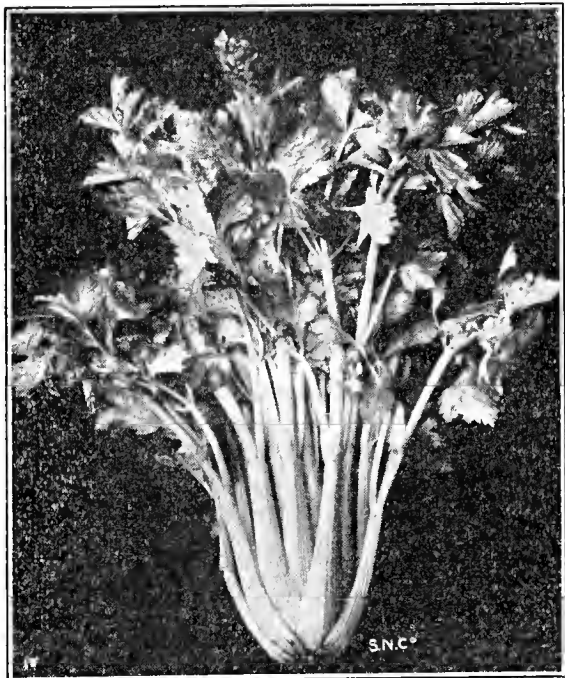
Scand.—Selleri.

(One ounce will produce 7,000 plants)

(¼-ounce to the 100 feet of row. Two ounces to acre)

Sow seeds in a hot bed or cold frame. As soon as the plants are about 3 inches high, transplant to a nicely prepared bed, setting them 4 to 5 inches apart. When some 8 inches high, and the plants stocky, set them in trenches. Earth up a little during the summer, keeping the leaf stocks close together so that the soil cannot get between them. Finish earthing up in autumn, and never hoe or earth up in moist weather.

Keep the seed bed moist to insure quick germination and vigorous growth.

**Celery—Golden Plume or Wonderful**

**Golden Plume or Wonderful**—This new variety is similar in many respects to Golden Yellow Self Blanching. It matures fully as early as that variety and in many localities has been found to be more resistant to attacks of blight and rust. The plants are semi-dwarf, stocky and vigorous growing with very full heart which bleaches quickly to a rich golden yellow color. Of very attractive appearance, superior quality and fine nutty flavor. Recommended as a very profitable variety for growers for either the home or distant markets and also a desirable sort for the home garden. Pkt., 25c; ½-oz., \$1.15; oz., \$2.00; ¼-lb., \$6.00.

**Golden Self Blanching**—A remarkable early sort, entirely self-blanching, with beautiful large golden yellow heart, crisp, solid and of a nutty flavor. 110 days. Pkt., 25c; ½-oz., 45c; oz., 80c; ¼-lb., \$2.50; lb., \$8.00.

**Easy Blanching**

**Easy Blanching**—The most valuable Celery introduced in many years, with a remarkable natural tendency to blanch readily. Those who have never been successful in growing good celery can depend on this variety. Valuable both for early use and for its winter keeping qualities. Of very quick growth, thick stalks, very tender and brittle, and rich flavor. Its unusually long season for use appeals to the home gardener as well as the commercial grower. 115 days. Pkt., 10c; ½-oz., 30c; oz., 50c; ¼-lb., \$1.25; lb., \$4.50.

**StimUplant**  
Makes a  
Wonder Garden

**Winter Queen**—Unsurpassed for Winter Use—Probably the most desirable winter keeping Celery. It is short, stout, thick and heavy with double the amount of heart of any other Celery, a habit of growth which gives it truly remarkable value. The flavor is sweet, nutty and delicious, leaving nothing to be desired. It bunches up handsomely. The leaves are light green, and blanch to a cream white. Matures its crop in 140 days. Pkt., 5c; ½-oz., 20c; oz., 35c; ¼-lb., 90c; lb., \$2.50.

**Celery Seed—For Flavoring**—Excellent to use for flavoring soups, pickles, etc. ¼-lb., 20c; lb., 60c.

**The Largest Ribbed Celery in Cultivation****Celery—Winter Queen****Celery—White Plume**

**White Plume**—This magnificent Celery is improving from year to year under high culture and careful selection. It is a truly beautiful type. Not only does the stem whiten, but the leaf itself, especially every inner leaf assumes the attractive white color. This makes the White Plume Celery one of the most showy ornaments that can be put upon the Thanksgiving or Christmas dinner table. As to succulence, crispness and quality, the Perfected White Plume is all that can be desired of a white Celery. Fit to eat in 110 days. Pkt., 5c; ½-oz., 20c; oz., 35c; ¼-lb., \$1.00; lb., \$3.00.

**To Succeed with Celery** you must keep your plants growing constantly while young; if you allow them to stand still they will run up to seed later. Always cultivate as soon after watering as the ground is dry enough to work well. Fertilize heavily in the spring—and use nitrate of soda later if needed.

**CELERIAC****TURNPIP ROOTED CELERY**

Ger.—Knoller Sellerie.

Scand.—Knopselleri.

**Giant Prague**—This vegetable is used for two purposes; the leaves are cut when young and used to flavor soups and meats; the roots are boiled, sliced, cooled, and served as a salad. 125 days. Pkt., 5c; oz., 25c; ¼-lb., 80c; lb., \$2.50.

**CHERVIL**

**CHERVIL**—(Curled)—An aromatic herb. The young leaves are used in soups and salads. Pkt., 5c; oz., 40c; ¼-lb., \$1.25.

**CHIVES—Schnittlauch**

(See also Vegetable Plants)

**Chives**—A vegetable of the onion tribe, quite hardy everywhere. The leaves are slender and appear very early in the spring, and may be shorn several times during the season. They are propagated by divisions of the root or sowing of seed. The Chives are equal to the onion for flavoring soups and salads. Pkt., 10c; ½-oz., 40c; oz., 75c; ¼-lb., \$2.00.

**CORN SALAD**

Ger.—Feldsalat.

Scand.—Vaarsalat.

(Two ounces to 100 feet of drill)

**CORN SALAD**—(Or Fetticus)—A salad plant used as a substitute for Lettuce in salads or may be cooked like Spinach for greens. It does well in the fall and spring. On rich soil the leaves renew rapidly after being cut. 55 days. Pkt., 5c; oz., 25c; ¼-lb., 50c; lb., \$1.50.

**Corn Salad****CRESS**

Ger.—Garten-Kresse.

Scand.—Karse.

**CRESS, OR PEPPER GRASS**—This salad is much used with Lettuce to the flavor of which its warm pungent taste makes an agreeable addition. 30 days. Pkt., 5c; ½-oz., 10c; oz., 15c; ¼-lb., 35c; lb., 85c.

**CRESS**—(Water)—Hardy perennial aquatic plant; sow seed along water's edge, preferably near running springs. 45 days. Pkt., 10c; ½-oz., 30c; oz., 50c; ¼-lb., \$1.50.

WE INVITE ALL HAVING PLANT TROUBLES TO WRITE US

StimUplanT

Makes a

Wonder Garden

CORN---Sweet or Sugar

StimUplanT

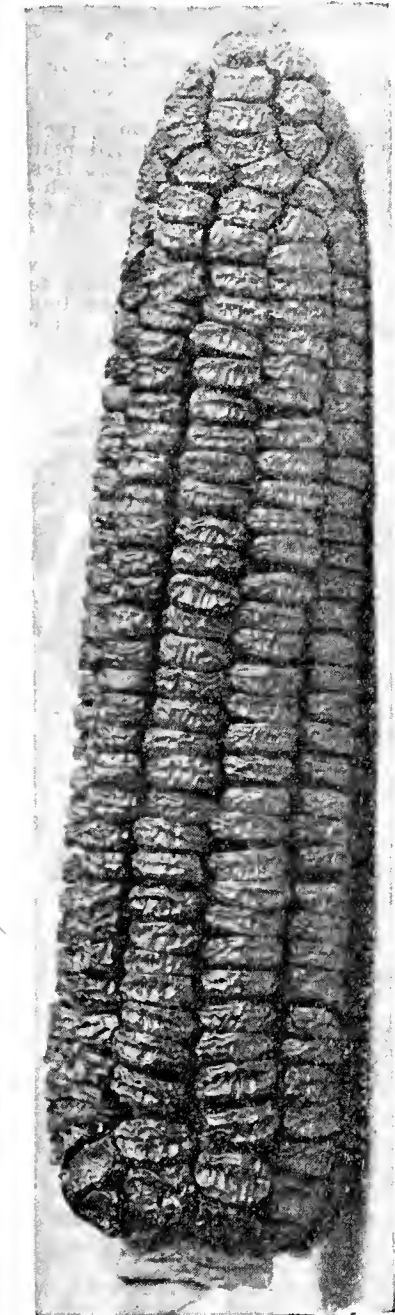
Makes a

Wonder Garden

THE SEVEN BEST VARIETIES OF SWEET CORN FOR MONTANA

1 lb. for 100 hills or 150 to 200 feet of drill. 15 lbs. to acre. 1 lb. is a little more than a pint—2 lbs. a little more than a quart.

Sweet Corn is very sensitive to frost and should not be planted until danger from freezing is past or about the middle of May in Montana. A rich, warm good ordinary soil will raise excellent Sweet Corn, if it is deeply and thoroughly worked before planting. If planted in rows, make the rows three feet apart and 12 to 16 inches apart in the row; cover one inch deep with fine soil firmly pressed down. If planted in hills, make the hills three feet apart each way, and plant four to six kernels to the hill. Hoe frequently and when six inches high cut off all the suckers so as to leave three or four plants to the hill; do not let the plants overcrowd. Give frequent and thorough but shallow cultivation until the tassels appear. In cooking corn use boiling water, do not cover the vessel and do not cook more than ten minutes. "Use no salt"—a pinch of sugar will add to the natural sweetness. NOTICE—If ordered alone add for mailing, 5c per ½-pound, 10c per pound, and 15c per 2 pounds.



S. N. & S. Co's. Golden Glory

**Black Mexican**—The sweetest of all Sweet Corn. When cooked becomes white, with bluish tinge near kernel base. Often remembered only as the black corn that was so very sweet. 75 days. Pkt., 5c; ½-lb., 25c; lb., 35c; 2 lbs., 65c.

NOTICE—On Sweet Corn in lots of 5 lbs. or more of one variety deduct 5c per lb. when ordering by express or freight. NOT PREPAID.

**EXTRA EARLY VARIETIES**

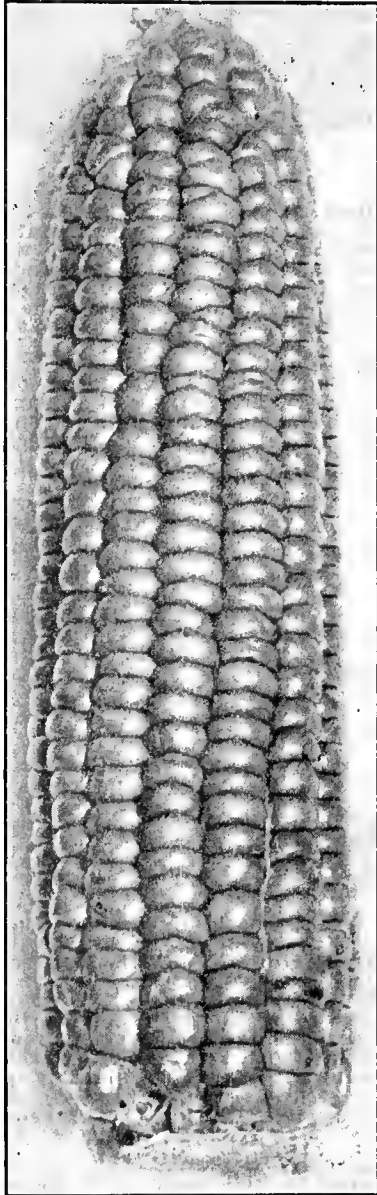
**S. N. & S. Co's. Golden Glory, Earliest and Hardest Sweet Corn in the World**

**Golden Glory**—A Montana grown Sweet Corn of high merit, growth about 5½ feet, producing 2 or 3 ears to the stalk, and considerable larger than the average Golden Bantam. The illustration is a good average specimen of 12 row 8 inch ear. Sweet, creamy and tender, remaining in roasting ear stage a long time. With these qualifications and the knowledge that this wonderful Corn can be grown to maturity wherever Golden Bantam has, we predict that it will be your first choice when making a selection of seed this season. In addition to its merits as a table Sweet Corn this variety is destined to be a popular variety on account of its extreme earliness which is ten days to two weeks earlier than the Golden Bantam. Price: Pkt., 10c; ¼-lb., 20c; ½-lb., 35c; lb., 60c; 2 lbs., \$1.10.

**Early Golden Sunshine**—An outstanding new variety of yellow Sweet Corn, of exceptional merit. It was originated at the North Dakota Agricultural College. The ears are bigger than those of Golden Bantam, are 16 rowed, and of deliciously rich flavor, light yellow in color. Sunshine is ready for use 6 to 10 days earlier than Bantam. The stalks are quite dwarf with the ears set only 2½ to 3 feet from the ground, usually 2 ears to the stalk. Those who tried it last year are highly enthusiastic, and say it is real Sweet Corn. Pkt., 10c; ½-lb., 25c; lb., 40c; 2 lbs., 75c.

**S. N. & S. Co's. Extra Early Market**—Is the earliest and sweetest White Sweet Corn in cultivation. It is extremely hardy, withstanding cold, wet weather to a wonderful degree. Ears are large for so early a variety. Kernels pure white, sweet and tender. It is very productive for such an extra early sort, usually producing two to three ears to the stalk; we can highly recommend this variety for home use and as a market sort it is a money-maker, especially adapted for planting in the northern states. (See Cut.) Pkt., 10c; ½-lb., 25c; 1 lb., 40c; 2 lbs., 70c.

**Pop Corn, Japanese Hulless**—Also known as Tom Thumb, Australian Hulless. Japanese Hulless is a dwarf-growing variety, a heavy yielder, and is ready for popping soon after it is husked. It has no hull or shell or hard center, is most tender, and of a delicious flavor when popped. You will not be without it if you give it a trial this year. The best all-around variety. 140 days. Pkt., 5c; ½-lb., 20c; lb., 35c; 2 lbs., 60c.



Early Sunshine

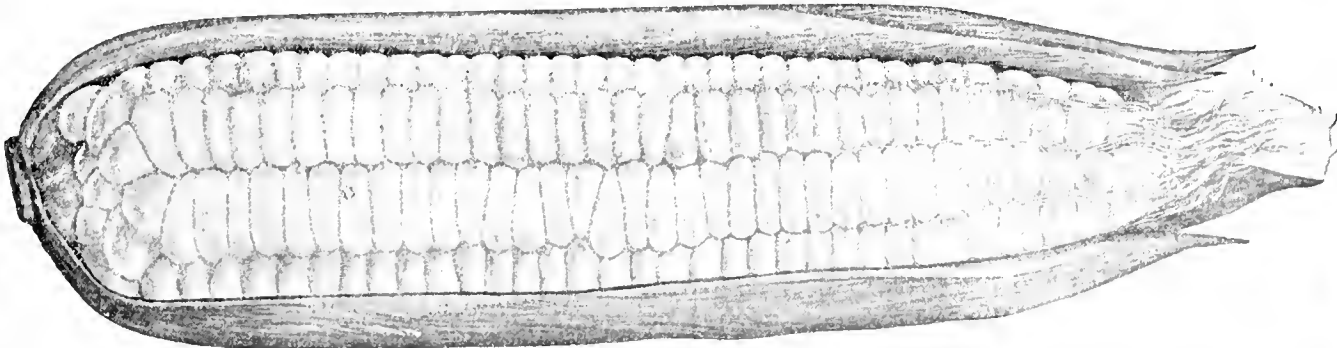
**EARLY VARIETIES**

**Peep O'Day**—Five days earlier than the Golden Bantam. Peep O'Day Corn, in addition to its sensational earliness, is entirely distinct in appearance and habit of growth. The stalk grows from 3 to 4 feet in height. The ears average about 5 inches in length and are of perfect form, well filled out to the tip. When cooked, the Corn is exceedingly sweet and tender. 65 days. Pkt., 5c; ½-lb., 25c; lb., 40c; 2 lbs., 70c.

**Golden Bantam**—The well known variety people consider the richest and sweetest of all Corn. Some of our customers are now planting this corn at regular intervals during the season, so that they may have it for table use continually and prefer it to all other sorts. Ears medium size, thickly set with delicious yellow kernels. Golden Bantam has a flavor distinct from any other sort. A very early variety. 70 days. Pkt., 5c; ½-lb., 25c; lb., 40c; 2 lbs., 70c.

**SECOND EARLY VARIETIES**

**Mammoth White Cory**—We consider this one of the best second early varieties for the market and home garden. The ears are very large for so early a variety. The stalks are about four feet high, each generally bearing two large, finely shaped ears which become fit for use as early as those of any variety. They are twelve-rowed, six to seven inches long, very symmetrical and handsome, seldom with opening between the rows at the base. The grain is large, broad, very white and of remarkably good quality for such an early sort. 90 days. Pkt., 5c; ½-lb., 25c; lb., 35c; 2 lbs., 60c.



S. N. & S. Co's. Extra Early Market



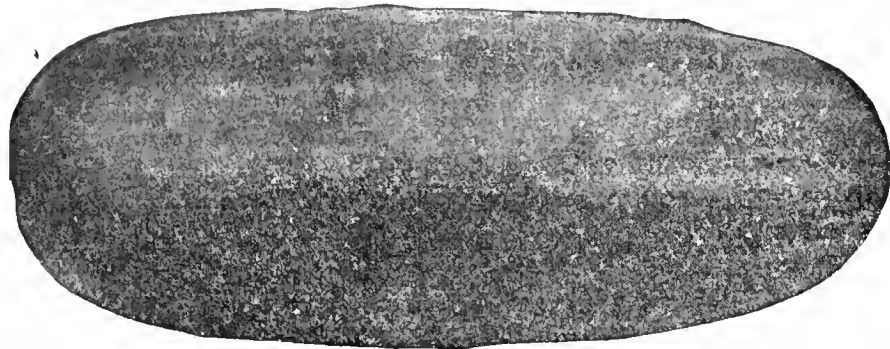
## CUCUMBER

Ger.—Gurken.

Seand.—Haurk.

(One ounce will plant fifty hills; two lbs. to an acre)

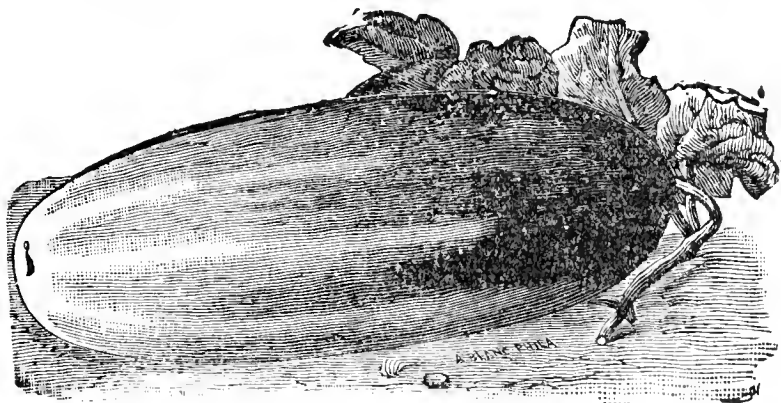
**Early White Spine**—Earliest of the White Spine varieties. Excellent for table use. 60 days. Pkt., 5c; oz., 25c; ¼-lb., 60c; lb., \$1.50.



Cucumber—Earliest of All

**Earliest of All**—An extra early prolific Cucumber; the fruit full and uniform, tapering slightly at both ends. Color, a good, deep green. It is a week to ten days earlier than Extra Early White Spine, and because of its extreme earliness is a very desirable variety both for the home garden and those who grow for the market. 50 days. Pkt., 10c; oz., 30c; ¼-lb., \$1.00; lb., \$2.50.

**Japanese Climbing**—A strong and vigorous grower, and while all Cucumbers are running or creeping vines, this variety attains nearly twice the length of the ordinary sorts and can be grown on trellises, fences or poles. The fruits from ten to twelve inches in length, are of excellent quality either for slicing or pickling. 65 days. Pkt., 5c; oz., 25c; ¼-lb., 60c; lb., \$1.50.



Cucumber—Early Fortune

**Early Fortune**—This distinct variety is the finest yet introduced. The rich dark green fruits when matured at the slicing stage average 7½ to 8 inches in length and retain their color for a remarkably long time. The flesh is firm, with a small seed cavity, making it a good shipping and market sort. As a pickling sort it is equally as good, producing an enormous quantity of uniform well-shaped pickles. The vine growth is very vigorous and the leaves, which are larger than those of other sorts, are very resistant to disease. 52 days. Pkt., 5c; oz., 25c; ¼-lb., 60c; lb., \$1.50.

**Davis Perfect**—Long and slender, average length 10 to 12 inches. Color very dark green, of fine flavor, very tender and brittle. A choice variety for forcing under glass or for outside culture. 60 days. Pkt., 5c; oz., 25c; ¼-lb., 60c; lb., \$1.50.



Cucumber—Long Green

**Improved Long Green**—Not quite so early as the above named sorts, but admitted to be the best general crop Cucumber for this climate; good color, crisp and tender. 70 days. Pkt., 5c; oz., 25c; ¼-lb., 60c; lb., \$1.50.

**Lemon**—New and entirely different type of Cucumber. Shaped and colored like a lemon with fine flavor. For slicing and salads they excel, having none of that bitter taste so often found in Cucumbers. May be eaten green, but is at its best just as it is turning yellow. Makes excellent pickles. 55 days. Pkt., 10c; oz., 25c; ¼-lb., 80c; lb., \$2.50.

**Rollinson's Telegraph or English Frame**—For forcing. Long green Cucumbers of excellent flavor, very tender and solid. We have grown this variety under glass to a length of 20 to 25 inches. Pkt. (10 seeds), 25c; 5 pkts., \$1.00.

## Pickling Varieties

**Everbearing**—Small size, very early and enormously productive and valuable as a green pickler. It continues to flower and produce fruit until killed by frost whether the Cucumbers are picked off or not. Remarkably solid with very few seeds and of fine quality. Invariably of perfect form even when small. 65 days. Pkt., 5c; oz., 25c; ¼-lb., 60c; lb., \$1.50.

**Early Russian**—Bright green, crisp and tender flesh; excellent for table use or pickling. 55 days. Pkt., 5c; oz., 25c; ¼-lb., 60c; lb., \$1.50.



Cucumber—Extra Early Green Prolific or Boston Pickling

**Extra Early Green Prolific or Boston Pickling**—The best pickling sort yet introduced. A very prolific variety used principally for pickles. Fruit medium sized, bright green, flesh firm and very crisp and tender. Gather the fruit when small and it will bear all summer. 65 days. Pkt., 5c; oz., 25c; ¼-lb., 60c; lb., \$1.50.

**Early Frame or Short Green**—A very productive variety having fruits of good length and handsome form. Desirable for producing pickles of medium size. Fine quality when sliced for table. 65 days. Pkt., 5c; oz., 25c; ¼-lb., 60c; lb., \$1.50.

## EGG PLANT

(¼-oz. to 100 feet of row, ¼-lb. to acre)

(One ounce will produce 1,000 to 1,500 plants)

**Improved New York**—This selection is vastly superior to the old type. The habit of the plant is low and branching, and is quite free from spines. 40 days. Pkt., 10c; ½-oz., 30c; oz., 50c; ¼-lb., \$1.75.



Egg Plant—Improved New York

## ENDIVE

(1 ounce to 100 feet of row)  
(Four pounds to acre)

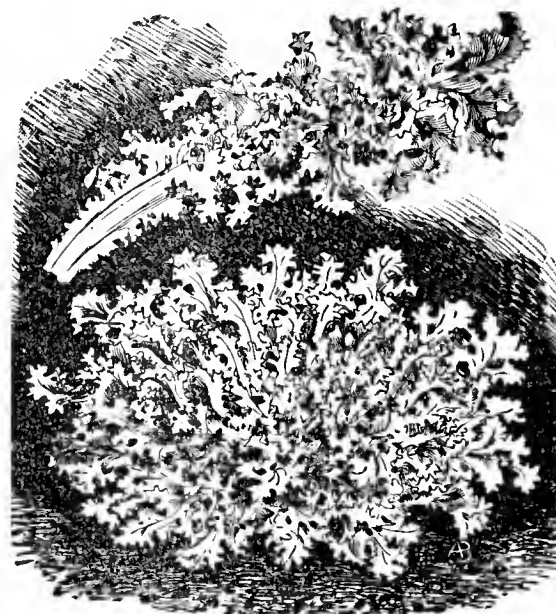
Ger.—Endiven.

Seand.—Endive.

**White Curled**—Leaves pale green; should be used when young. 35 days. Pkt., 5c; oz., 25c; ¼-lb., 45c; lb., \$1.25.

**Green Curled**—For fall and largely used for winter use; also garnishing; crisp and curly; easily blanched. 40 days. Pkt., 5c; oz., 20c; ¼-lb., 45c; lb., \$1.25.

**Broad Leaved Batavian or Escarolle**—A very wide leaved variety. Leaves with straight edges, thick and fleshy, of a dull green color. Quality excellent. 45 days. Pkt., 5c; oz., 20c; ¼-lb., 45c; lb., \$1.25.



Endive—Green Curled

## GOURDS

See Page 87

## GROUND

CHERRY

See Tomato

Page 100

## GARLIC

Ger.—Knoblauch.

Seand.—Hoidloeg.

(1 lb. to 50 feet of drill)  
(200 lbs. to acre)

**GARLIC**—The Garlic is the most pungent of all the onion family. Plant in the spring six to eight inches apart, and in August the tops will die when the bulbs are ready to gather; they do best in light rich soil; cultivate same as onions. Lb., 35c; 5 lbs., \$1.60.

Write for price on larger quantities.



Garlic

IT WILL PAY YOU TO GET ACQUAINTED WITH OUR SEED AND PLANT COLLECTIONS



GOURD

Both Useful and Ornamental

A tribe of climbers with curiously shaped and colored fruit, being of rapid growth they are fine to cover old fences, trellises, stumps, etc. Tender annual; ten to twenty feet high.

**Hercules Club**—Distinctly club-shaped, the longest of all varieties. Pkt., 10c; oz., 25c.

**Japanese Nest Egg**—Used as nest eggs; fruits are white; do not crack, and are not injured by heat or cold. Pkt., 10c; oz., 25c.

**Sugar Trough**—Has durable thick shell, and is often used for dishes and other household utensils. Pkt., 10c; oz., 25c.

**Dipper or Siphon**—Greatly used for dippers, fruits long and bottle shaped, with straight or slightly crooked neck. Pkt., 10c; oz., 25c.

**Gourds—Mixed**—Pkt., 5c; oz., 25c.



Kohl Rabi  
White Vienna  
**LEEK**

Ger.—Lauch. Scand.—Purre.

(½-oz. to 100 feet of drill—4 lbs. to acre)

**American Flag**—A strong growing variety, producing large, thick stems of sweet flavor when properly blanched. Leeks are hardy and flavor is improved by frost. 80 days. Pkt., 5c; oz., 30c; ¼-lb., 90c; lb., \$2.50.



Leek—American Flag

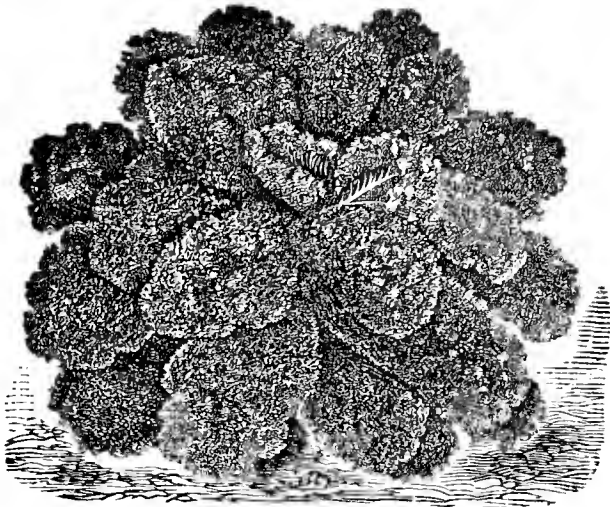
KOHL RABI

(¼-oz. to 100 feet of row—4 lbs. to acre)

Ger.—Kohl Rabi. Scand.—Kaarlrabi.

**White Vienna**—Turnip rooted; small, white, very tender and delicious when young. 50 days. Pkt., 5c; oz., 25c; ¼-lb., 75c; lb., \$2.25.

**Purple Vienna**—An early variety with a bright purple bulb. The leaves and stems being green and tinged with purple. 70 days. Pkt., 5c; oz., 25c; ¼-lb., 75c; lb., \$2.25.



KALE or BORECOLE

(¼-oz. to 100 feet of row—2 lbs. to the acre)

**Dwarf Curled Scotch**—Kale makes excellent greens for fall and are improved when slightly frosted. Cultivate same as Cabbage. Beautifully curled, very hardy. 55 days. Pkt., 5c; oz., 20c; ¼-lb., 45c; lb., \$1.25.

**Tall Green Curled Scotch**—Always a favorite. 60 days. Pkt., 5c; oz., 20c; ¼-lb., 45c; lb., \$1.25.

HERBS

**HERBS**—(Sweet, Pot and Medicinal)—The seeds should be sown in spring in shallow drills, 12 inches apart, and the young plants thinned out or transplanted to about 4 inches. They should be harvested on a dry day, just before the blossoms develop, dried quickly and bottled, or closely packed in dry boxes, with the air entirely excluded. Those prefixed by an \* are perennials.

	Pkt.	Oz.		Pkt.	Oz.
Anise .....	.05	.30	*Horehound .....	.05	.50
*Balm .....	.05	.40	*Lavender .....	.05	.70
Basil .....	.05	.40	*Rue .....	.05	.50
Borage .....	.05	.35	Rosemary .....	.05	.50
Caraway .....	.05	.25	*Sage .....	.05	.40
Coriander .....	.05	.30	Sweet Marjoram .....	.05	.50
*Catnip .....	.05	.60	*Summer Savoy .....	.05	.40
Dill .....	.05	.20	*Thyme .....	.05	.60
*Fennel .....	.05	.30	*Wormwood .....	.05	.30

LETTUCE

Ger.—Gartensalat.

(¼-oz. to 100 feet of drill—3 lbs. to the acre)

Scand.—Salat.

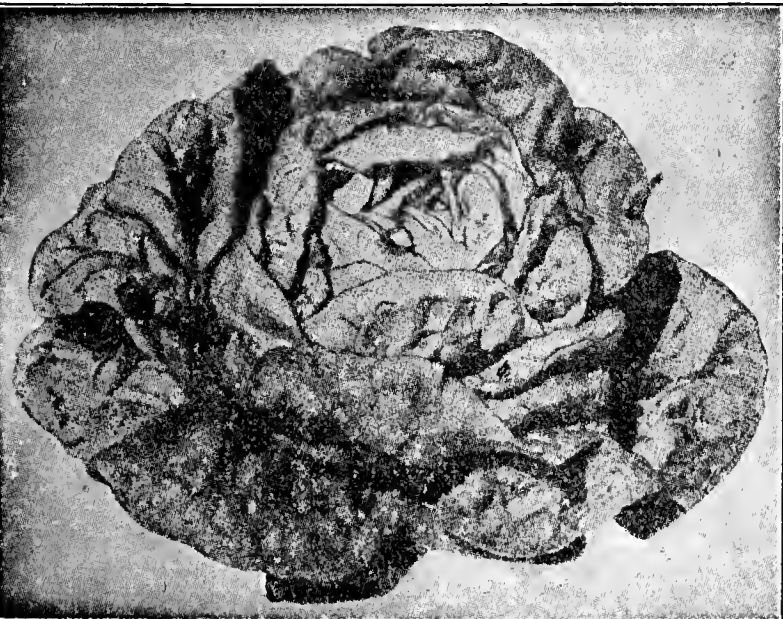
Every garden should grow Lettuce. Dieticians advise eating some raw, green vegetable daily—salad of cabbage, endive, celery, lettuce, etc.—because of their content of iron or other mineral salts and especially for the essential vitamins—all of which are largely lost in cooking.

Among such vegetables, **LETTUCE** takes a high rank. Lettuce is the best of all salad crops, and a very appetizing and healthful food, especially during the warmer months. To have lettuce at its best, it must be fresh and unwilted. It is so easy to grow and requires such a small space in the garden, that every family should have a plentiful supply throughout the season.

**LOOSE LEAF** seed, sown in rich soil in cold frame in March, can be cut (just above the center bud) in 45 to 60 days and will grow new leaves or can be moved to the open ground later at 8 to 12 inches in the row.

Varieties which **HEAD** should be started early and pricked out in the frame to get room and good root system. As soon as the ground is mellow, set in the open and encourage rapid growth by liberal feeding (nitrate of soda) and cultivation. Sow common sorts for a succession.

Heading Varieties



Lettuce—May King

**May King**—A few years ago it was hardly known in America; now it is found in the gardens of nearly every up-to-date grower. It simply forced its way to the front on its sterling merits. It grows very quickly even in the cold weather of early spring. The habit is very compact and close; in fact, the plant is about all head. Outer leaves light green, inner leaves bright yellow and of a fine, rich, buttery flavor. Heads weigh from 12 to 16 oz. and are so solid that they carry to market in perfect condition. 50 days. Pkt., 10c; oz., 25c; ¼-lb., 60c; lb., \$1.50.

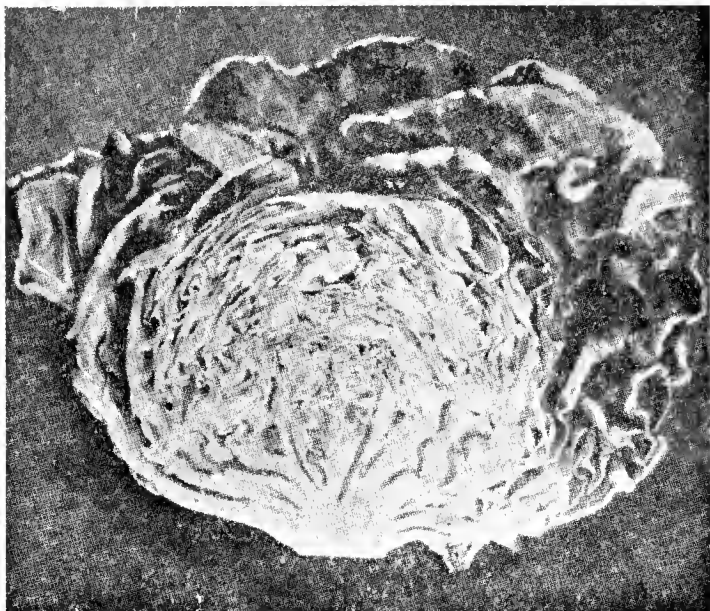
**Improved Hanson**—A well known, highly approved Lettuce. Globe shaped, large, well formed, firm head of broad leaves so compact that the inner ones are blanched almost white. The outside ones are very tender and deliciously sweet, and all are beautifully crinkled and curled. For mid-summer planting outdoors, this sort is exceedingly popular, for it has superior qualities for resisting drought and heat. 50 days. Pkt., 5c; oz., 25c; ¼-lb., 60c; lb., \$1.50.



Lettuce—Improved Hanson

Ger.—Gartensalat.

## Heading Varieties



Lettuce—Creamy Heart

**Creamy Heart**—Is a new and splendid addition to the Lettuce family. It is very similar to the California Cream Butter and was selected on account of its being without brown spots or edges; nice large heads and of a rich golden yellow inside and leaves are very bright green; an excellent variety for late spring and early summer crop; easy to grow and a good shipping variety. Pkt., 10c; oz., 30c; ¼-lb., 95c; lb., \$3.00.

**New York Head**—Also Called "Los Angeles" and "Wonderful"—A popular variety for summer planting. The best heat resister. The immense heads are solid and frequently weigh 2 to 3 lbs. each. Beautifully blanched to a creamy white with dark green outer leaves, quality unsurpassed, being tender, crisp and sweet. New York is a hardy, rapid grower, deep rooted and resistant to drought; a slow seeder and sure to head. Matures in 65 days. Does remarkably well in all sections. Pkt., 10c; oz., 30c; ¼-lb., 85c; lb., \$2.25.

**Salamander or Black Seeded Tennisball**—The most popular variety for withstanding the hot weather. The golden yellow heart is protected by crumpled outer leaves of medium green color and forming a close sure head; very solid, of medium size and excellent quality. 85 days. Pkt., 5c; oz., 25c; ¼-lb., 50c; lb., \$1.50.

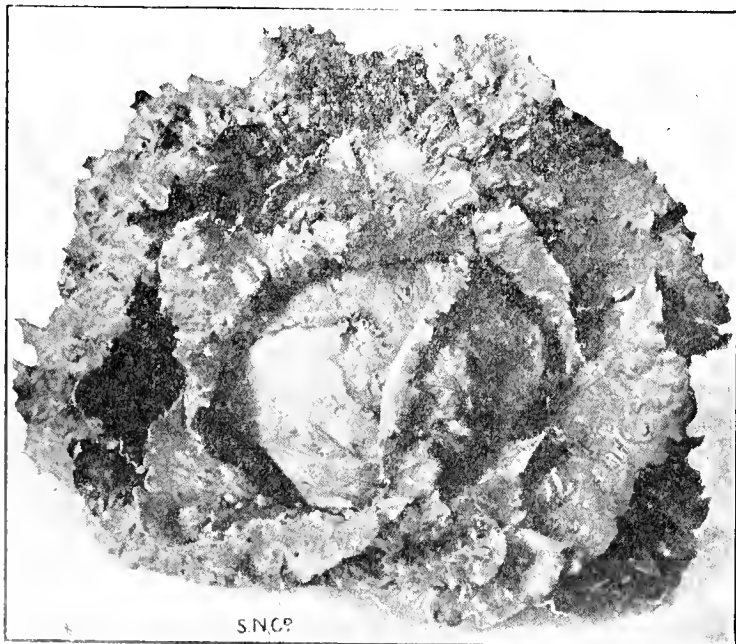
If you are fond of greens nothing will suit you better than Swiss Chard. Try some in your garden this season.

**StimUplant**  
Makes a  
Wonder Garden

## SEMESAN

Place a little Semesan with seeds in a jar and shake vigorously; bacteria and fungus spores adhering to the seeds will be killed.

2 ozs. .... 50c      8 ozs. .... \$1.60      1 lb. .... \$2.75



Lettuce—New York

## LETTUCE

Scand.—Salat.

## Heading Varieties



Lettuce—Big Boston

**Big Boston**—The well known and popular hothouse variety of New England needs to be quickly grown to be of good flavor. Light green cabbage variety, slightly tinged with brown on the head. Forms a compact buttery head. 50 days. Pkt., 5c; oz., 25c; ¼-lb., 75c; lb., \$2.00.

**California Cream Butter or Royal Cabbage**—A very popular variety for autumn and winter use. Forms a very large head, which is very buttery, and rich golden-yellow inside. The leaves are thick and of bright green, slightly tinged with brown on top of head, and the outer leaves are slightly spotted with inconspicuous brown spots. Easy to grow and a good shipping variety. 50 days. Pkt., 5c; oz., 25c; ¼-lb., 50c; lb., \$1.35.

**Iceberg**—It is a very crisp variety, and withstands the heat remarkably well and very slow to shoot to seed. The head is extremely hard and well blanched, the leaves very completely and tightly overlapping each other. The color is light green, excepting for the faint brown tinge along the extreme border. The quality is good, crisp and firm, very sweet. 75 days. Pkt., 10c; oz., 30c; ¼-lb., 85c; lb., \$2.25.

## Loose Leaved Varieties

**Grand Rapids**—A popular variety for general planting and will make a quick growth under adverse conditions. Its upright habit permits close planting. 40 days. Pkt., 5c; oz., 25c; ¼-lb., 60c; lb., \$1.50.

**Early Curled Simpson or Silesia—(White Seeded)**—A very extensively used early loose leaved variety. The leaves are light green in color, slightly frilled, crisp, sweet and tender. This sort is especially adapted for sowing thickly and cutting when the plants are young. Does not wilt easily. 40 days. Pkt., 5c; oz., 25c; ¼-lb., 50c; lb., \$1.35.

**Early Prize Head**—This Lettuce forms a large, tender, crisp, loose head of bright green crimped leaves tinged with brownish red; of superior flavor, long remaining sweet and slow to run to seed. 50 days. Pkt., 5c; oz., 25c; ¼-lb., 50c; lb., \$1.35.

**Paris White Cos—Trianon, or White Paris Self-Blanching**—Distinct variety of upright growth; leaves should be tied together near top when they will blanch to a beautiful creamy-white; crisp and delicious as celery stalks, and eaten in the same manner. 65 days. Pkt., 5c; oz., 25c; ¼-lb., 50c; lb., \$1.35.



Lettuce—Grand Rapids

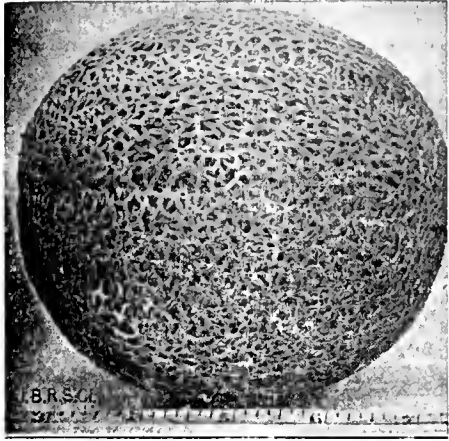


## MUSKMELONS

(One ounce will plant about 50 hills—2 to 3 lbs. in hills per acre)

**Culture**—A rich, deep sandy loam, well worked and highly manured with old rotten compost is of the first importance. Plant when all danger of frost is over, in hills 5 to 6 feet apart each way; scatter a dozen seeds to a hill, and after they are out of danger from bugs thin to 3 to 4 plants. When they have 4 or 5 rough leaves pinch off the end of the main shoot, which will cause the lateral branches to put forth fruit sooner.

## Green Fleshed Varieties



Rockyford

**Extra Early Hackensack**—Fruit attains a good size, weighing four to six pounds each. The melons are round, heavily ribbed; skin is light green, of delicious flavor, rich and sugary, and exceedingly productive. The earliest of all large netted melons. 70 days. Pkt., 5c; oz., 25c; ¼-lb., 45c; lb., \$1.25.

**Rockyford or Netted Gem**—The flesh is green and so sweet that it may be eaten close to the rind. The melons weigh about 1½ pounds each. The vigorous vines produce an abundance of slightly oval fruits closely set to the

hill. A sweet and tasty variety. 80 days. Pkt., 5c; oz., 25c; ¼-lb., 50c; lb., \$1.25.

**Extra Early Citron or Early Green Nutmeg**—A small round or slightly flattened melon, valuable as an early market sort on account of its extreme earliness, hardness and great productiveness. The skin is green, becoming yellowish at maturity. The flesh is light green, very thick and of delicious flavor. 65 days. Pkt., 5c; oz., 25c; ¼-lb., 50c; lb., \$1.35.

**Honey Dew**—The sweetest melon of all. The skin is smooth and the rind though thin is very tough, of creamy yellow color when ripe. The flesh is very thick, of a bright emerald green, very fine grained, of very sweet, sugary flavor, and can be eaten to the rind. 125 days. Pkt., 10c; oz., 25c; ¼-lb., 60c; lb., \$1.50.

## MUSKMELON COLLECTION

This Collection contains one packet each  
Hale's Best, Barling's Montana,  
Edward's Perfecto  
Value 30c, postpaid for 25c

Of all Vegetable Fruits, the Melons are the most delicious.  
Be sure to plant some Melons in your garden.

## Orange or Yellow Fleshed Varieties

**Emerald Gem**—Is one of the earliest to ripen and of most delicious flavor. Unequaled for home use. Very prolific. If fruits are gathered as soon as they ripen, the vines will continue in bearing throughout the season. The melons are slightly flattened at the stem and blossom ends. The skin is smooth and free from netting. The fruits are heavily ribbed. Flesh very thick, small seed cavity. 85 days. Pkt., 5c; oz., 25c; ¼-lb., 50c; lb., \$1.25.

## Salmon Fleshed Varieties

**Hale's Best, Extra Early**—This new variety will fill a long-felt want because of its extreme earliness. The average period required is 68 days, and some of the tests were made in sections where the season was remarkable for its coldness. It is a salmon flesh melon of exceptional thickness. The shape is oval. Average size is 8x4½ inches with very heavy netting with fairly prominent ribs. There is no question it will be a very valuable variety as it leads the list in earliness. Pkt., 10c; oz., 25c; ¼-lb., 60c; lb., \$1.50.

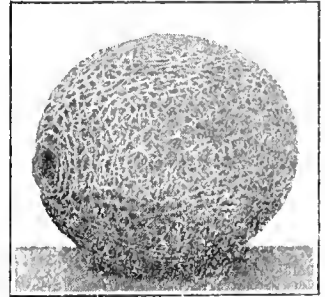
**Barling's Montana**—Ideal in size for family use, oval shape, flesh salmon-pink, thick fleshed, with small seed cavity; originated in Montana and matures with the earliest. Pkt., 10c; oz., 25c; ¼-lb., 75c; lb., \$2.00.

**Osage or Miller's Cream**—A favorite salmon flesh variety. Large, oval, slightly ribbed and netted; skin is very dark green. Flesh is very thick and sweet, flavored most delicious to the rind. The fruit is extra heavy, owing to the thickness of the flesh. A great favorite for both market purposes and the home garden. 80 days. Pkt., 5c; oz., 20c; ¼-lb., 50c; lb., \$1.25.

## Salmon Tinted Varieties

**Edward's Perfecto**—Fruit nearly round and densely covered with a hard gray netting; flesh very thick salmon color, shading into green as it nears the rind. Perfecto has the deepest flesh and more salmon-colored flesh than any other type of Rockyford melons. Recommended for its hardness, prolificness, deep flesh and excellent eating qualities. Pkt., 10c; oz., 25c; ¼-lb., 50c; lb., \$1.25.

**Gold Lined Rockyford**—This variety is one of the largest of the Rockyford type. It is very prolific, of uniform size, very thick flesh, of a rich golden yellow next to the seed cavity, fruit very thickly netted. Very fine in every respect. 70 days. Pkt., 5c; oz., 25c; ¼-lb., 50c; lb., \$1.25.

Hale's Best  
(The Earliest Maturing  
of All Muskmelons)

## WATERMELONS

Ger.—Wassermelone.

(One oz. for 30 hills—4 to 5 lbs. to an acre)

The hills should be dug about 2 feet square, 8 inches deep and half filled with well-rotted manure which must be thoroughly incorporated with the soil. Plant in May, 10 seeds to a hill, and when the plants are well up, thin out to three, and pinch the ends of the growing shoots to induce early fruiting. While the watermelon is, generally speaking, a southern product, yet the cultivation of same is not confined to the south. Some of the sweetest and best melons we have seen were produced in the latitude of 45 degrees north; consequently, while the watermelon is a tropical fruit, yet our northern friends can grow them successfully.

**Cole's Early**—This is a fine variety for the family and market and is particularly adapted, on account of its earliness, to northern latitudes. For early marketing there is no superior. The bright red flesh is cool, crisp and produced in generous numbers. 80 days. Pkt., 5c; oz., 20c; ¼-lb., 40c; lb., \$1.00.

**Fordhook Early**—This is still without a rival as the earliest large-fruited melon in cultivation. Fruits are of good size, rather short and blocky in form. Skin dark green, occasionally with faint stripes of lighter green. Rind quite thin, but skin tough, making an excellent shipping variety. Flesh bright red, crisp, sweet, and of splendid quality; really one of the finest flavored melons in cultivation. White seed. 85 days. Pkt., 5c; oz., 20c; ¼-lb., 40c; lb., \$1.00.

**Harris Earliest**—Owing to its extreme earliness, and adaptability, it is extensively grown in the northern states where it is the undisputed favorite. We have known this melon to mature in latitudes as far north as Canada, and in places where watermelons never grew before. The Harris is the earliest watermelon on the market; the sweetest early melon, the largest early melon for the home garden. These are sweeping statements, but they are true. Moreover, the Harris will out-yield any other early melon. 70 days. Pkt., 5c; oz., 25c; ¼-lb., 45c; lb., \$1.25.

Harris Earliest  
Watermelon

**Kleckley Sweet or Monte Cristo**—This is a very popular watermelon. Dark green skin, thin rind; flesh bright scarlet; solid, very sweet and crisp; not a good shipper for long distance. The fruits are oblong and uniform in size. Average weight, 25 lbs. 100 days. Pkt., 5c; oz., 20c; ¼-lb., 40c; lb., \$1.00.

**Phinney's Early**—One of the finest of all the early maturing melons of medium size and oblong shape, marked with two shades of green. The rind is thin. The red flesh is very sweet and tender. The vine is productive and a sure cropper. Adapted to all sections, and does exceptionally well in the Northern States. 80 days. Pkt., 5c; oz., 20c; ¼-lb., 40c; lb., \$1.00.

**Stone Mountain**—This melon is comparatively new, medium dark green, round and of excellent quality. The flesh is a uniform beautiful deep crimson, very solid with fewer seeds than most watermelons. It is rapidly gaining a well-deserved popularity. The rind is tough enough to stand long-distance shipping. We have found this somewhat earlier than other large varieties. It produces an abundant crop. Pkt., 10c; oz., 25c; ¼-lb., 50c; lb., \$1.25.



Stone Mountain

## CITRON

## FOR PRESERVES

**CITRON—Red Seeded**—Fruit round and smooth. Is not eaten raw, but is useful for making a very clear, transparent preserve of peculiarly fine flavor. Flesh white and solid. 100 days. Pkt., 5c; oz., 20c; ¼-lb., 40c; lb., \$1.00.

**CITRON—Green Seeded**—Same as above with green seeds. 100 days. Pkt., 5c; oz., 20c; ¼-lb., 40c; lb., \$1.00.



**StimUplant**  
Makes a  
Wonder Garden

# ONION SEED

**StimUplant**  
Makes a  
Wonder Garden

Ger.—Zwiebel.

Scand.—Roedloeg.

(One ounce for 200 feet of drill—4 to 5 pounds in drills per acre)

The best Onions are grown on low, sandy, or mucky lands, with natural moisture and plenty of it. Sow the seed in March in hotbeds or in shallow boxes in the house, transplanting to the open ground in May or as soon as the ground is warm and in good condition. Follow this method for an early and successful crop.

The crop must be kept free from weeds, and it is usually necessary to weed out in the row by hand once or twice. Hoeing between the rows may be done oftener. It is not necessary to thin the plants in the row, since some thinning is naturally done during the hand weeding.

Steady, even growth is necessary to good Onions and a check in growth, whether from disease or drought, causes them to run to seed badly.

Different markets and localities prefer different Onions. Globe Onions are generally most popular and yield better than the other sorts. Flat Onions are earliest and the large sized kinds have the best flavor. All seed is tested as to vitality.

## White Varieties



Onion—White Portugal or Silver Skin

**Southport White Globe**—A very desirable variety which yields an abundant crop of fine large Onions. Pure white color, mild flavor and equally good for keeping as the Yellow Globe. It is an enormous yielder and always sells at high prices. It is best to dry these Onions in a shady place and give plenty of air. 120 days. Pkt., 5c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00; lb., \$3.00.

**White Portugal or Silver Skin**—The best known and most largely used White Onion. Is flat on the bottom

and thick toward the top; very hard and firm and an excellent keeper. 110 days. Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 80c; lb., \$2.50.

**White Pickling**—For early bunching, pickling, etc. Small, hard, round; keeps well; does not turn green when exposed to sun. Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 80c; lb., \$2.50.

**Mammoth Silver King**—An early large white, flat variety. Is not a keeping sort nor a good shipping variety, but is valuable for home use and nearby markets. Very mild and fine flavor. 125 days. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00; lb., \$3.00.

## Red Varieties

**Large Red Wethersfield**—Is one of the standard red varieties, and a favorite Onion, and an immense cropper. Though well flattened, the solid Onions are thick through. The outer skin is a deep, rich purplish red, smooth and glossy; flesh white, lightly tinged with pinkish rose. The magnificent large, solid Onions are nearly as mild in flavor as many varieties with skin of lighter coloring. Its splendid keeping qualities make it easy to hold crops for late winter markets in the Northwest. 120 days. Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 60c; lb., \$2.00.

**Mountain Red Globe**—Is grown by the same man who has grown the Mountain Danvers for us. He is located just over the Divide, at a very high altitude, where the seasons are short and where an ordinary strain of Southport Red Globe will not mature, and where an Onion has to hustle if it matures and makes a good sized bulb. A red Onion is preferred to a yellow one by many and for this reason the Mountain Danvers did not suit everybody, so if a red is your choice, here is your Onion. It has a good globe shape, is dark red, ripens evenly, has a small neck, is free from scallions, and keeps well and it ships well. It is a good mate for Mountain Danvers, which means that it is a mighty fine Onion. Pkt., 10c; ½-oz., 15c; oz., 25c; ¼-lb., 80c; lb., \$2.50.

**Extra Early Red Flat**—An extra early red Onion, which yields abundantly, keeps well and is of mild flavor. The bulbs are of medium size and rich red in color, very close grained, solid and heavy. This variety will form bulbs in cold, mucky soils where others frequently fail to ripen. Plant this where the seasons are short and cool. Marketable Onions in 100 days. Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 80c; lb., \$2.50.

## Brown Skinned

**Australian Brown**—An early and very hardy variety which does especially well in Montana. This variety possesses remarkable keeping qualities. These Onions have been kept in perfect condition the year around. They are of medium size, somewhat flattened, and of a light reddish brown color. The flesh is always crisp, mild, soft and juicy. They mature very early. Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 65c; lb., \$2.25.

**CARCO**—Will protect your Onion crop against the ravages of the root maggot and other garden pests. See Index for Insecticides.

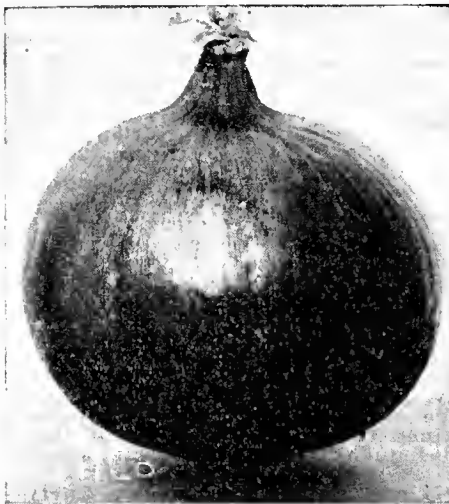
## Yellow Varieties

**Yellow Globe Danvers**—This Onion is the standard winter sort in many markets. The shape is almost globe form and the bulbs are quite large, with thin necks, ripening down well. The skin is a fine brown orange yellow, while the flesh is pure white, solid and of good quality. Its keeping qualities are of the best. This strain is so nearly globe shaped that it passes for a globe, and its earliness makes it valuable for market. 120 days. Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 80c; lb., \$2.50.

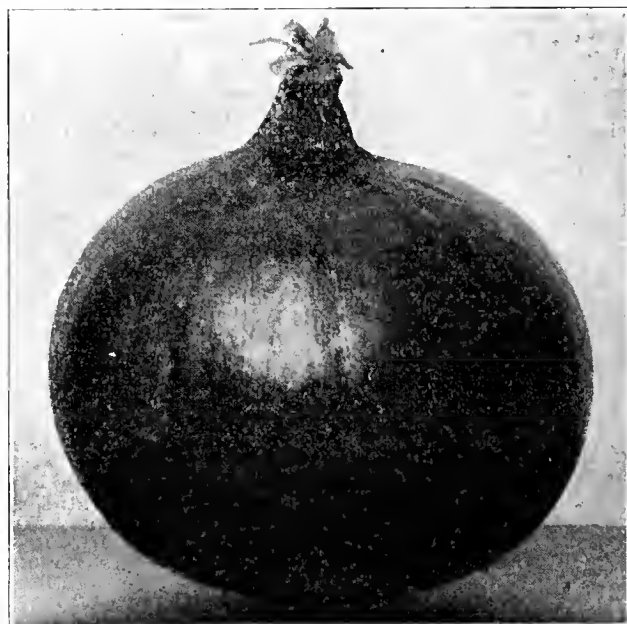
**Mountain Danvers—(Yellow)**—The great trouble in growing Onions in the high altitudes of the mountain regions of the Northwest is to get an Onion that will mature properly. One that will ripen up hard and solid without any thick neck. The irrigated country in Colorado, Idaho, Utah, Montana, can grow the finest crops of Onions on earth, if they can get the right varieties. What they want is an Onion of good size, good bright color, a good keeper and above all, very early. The Mountain Danvers fills the bill and no matter where you are located if you want an early and a good keeping Onion, answering the above description, send your order along. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00; lb., \$3.00.

**Prizetaker or Mammoth Yellow Spanish**—Large Yellow Globe Onion. Excellent keeper of finest flavor, handsome shape and enormous size; many single Onions have been raised to weigh five pounds and over from seeds the last year. It is of the same type as those immense imported Onions which can be seen in stores and always command a very high price. 130 days. Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 80c; lb., \$2.50.

**Ailsa Craig**—The largest Onion grown. It is a good keeper and is much liked and recommended on account of its acceptable delicate and pungent flavor. The skin is an attractive straw color. To secure the largest Onions, seed should be sown in hot beds in the early spring and transplanted later to the open ground. 135 days. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00; lb., \$3.00.



Onion—Mountain Red Globe



Onion—Mountain Danvers

ONIONS FROM OUR SEED WILL BRING TEARS TO YOUR EYES, BUT THEIR QUALITY WILL MAKE YOU SMILE

MUSTARD

(¼-oz. to 100 feet of row—two to three lbs. to the acre)

**White**—The green leaves are used as a salad when a few inches high. If sown in a warm place or in a hotbed, will be ready to cut in a few days; sow frequently for a succession of crops. Pkt., 5c; oz., 15c; ¼-lb., 30c; lb., \$1.00.

**Giant Southern Curled**—Large variety, forming great mass of beautiful leaves, ruffled and finely curled on edges; used for salads. Hardy, vigorous, and highly recommended. 35 days. Pkt., 5c; oz., 15c; ¼-lb., 30c; lb., \$1.00.

MUSHROOM SPAWN



Practically no capital is required in the mushroom business, and the profits are most satisfactory. All that is required to grow mushrooms is almost any building or cellar, some manure, loam, and last and above all, good spawn. Our Pure Culture Mushroom Spawn is full of vigor, the kind used by the best commercial growers of the United States. One brick to ten square feet.

Leaflet—"How to Grow Mushrooms"—free for asking.

**LAMBERT'S Mushroom Spawn**—Per brick, 40c; 5 bricks, \$1.75, postpaid. By express or freight, per brick, 35c; 10 bricks, \$3.00; 25 bricks, \$6.75.

OKRA or GUMBO

(One oz. to 100 feet of drill—8 lbs. to the acre)

The long tender pods of Okra are very delicious when sliced and cooked in soups. While this is the chief use, it is also boiled and served like other vegetables. The dwarf sorts may be planted in hills or in rows about three feet apart. Plant in any good soil about May 15. The pods should be gathered when very young, as they are then very tender.

**Dwarf Green**—An early dwarf prolific variety with thick green pods. 65 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., \$1.00.

**White Velvet**—Very tender pods, long, smooth and white. 60 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., \$1.00.

PARSLEY

Ger.—Petersillie. Scand.—Persillie.  
(One ounce for 150 feet of drill)

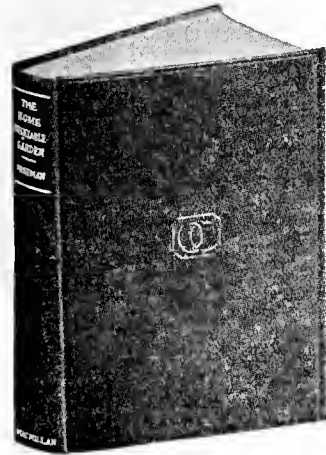


Parsley succeeds best in rich mellow soil. As the seed germinates very slowly, it should be sown quite early in the spring, previously soaking the seed for a few hours in tepid water. Sow thickly in rows a foot apart and half an inch deep. For winter use, protect in a frame or light cellar or a few plants may be placed in pots or boxes and kept in the house.

**Parsley—Moss Curled**  
this when well grown; it is hardy and slow to run to seed; every gardener's favorite. 65 days. Pkt., 5c; oz., 20c; ¼-lb., 40c; lb., \$1.00.

**Extra Double Curled**—In shape of leaf, color and taste this new variety is perfect. It stands heat, drought and cold better and will yield better than any other of the numerous varieties of Parsley we have ever had. 60 days. Pkt., 5c; oz., 20c; ¼-lb., 40c; lb., \$1.00.

**Hamburg or Turnip Rooted**—Turnip rooted variety. The roots as well as the leaves are used for flavoring soups, etc. The roots are stored like carrots for winter use. 100 days. Pkt., 5c; oz., 20c; ¼-lb., 50c; lb., \$1.25.



**THE HOME VEGETABLE GARDEN**, by E. M. Freeman. A book which shows how to grow fresh, crisp vegetables in your own garden and cut down on the grocer's bills. Full of practical details for laying out the garden, planting, and growing vegetables successfully. 8 illustrations, 214 pages. \$1.75, postpaid.

ONION SETS

(One lb. to 75 feet of drill—300 lbs. to the acre)

**The Importance of Using Northern Grown Onion Sets**

The planting of Onion Sets is increasing rapidly year after year. The Bottom Onion Sets produce Onions ready for market six weeks earlier than can be had by sowing the seed. This enables the grower to sell his entire crop earlier in the season, at which time the prices usually are higher. It also permits the sowing of another crop on the land the same year. Bottom Sets are about as big as the end of your finger and when set out in spring they come quickly and make nice green Onions for bunching, or if left to stand will make big Onions as from seed but much earlier. We can furnish them in the yellow, brown or white. Yellow are generally the best. Multiplier sets are also good.

Size of Onon Sets

It is very important that you get Onion Sets of the right size. If just a little too large they will run to seed right away instead of making a good Onion. The rule is to sell every set below 1½ inches in diameter, but in that case there is sure to be some too large that will go to seed. Therefore we use none above ¾-inch. Please write for quotations on larger quantities.

ONION SETS—Postpaid Prices Only			
	Lb.	5lbs.	10lbs.
White Bottom	.35	\$1.65	\$3.20
Brown Bottom	.35	1.60	3.10
Yellow Bottom	.30	1.40	2.70
Yellow Multiplier	.40	1.85	3.50

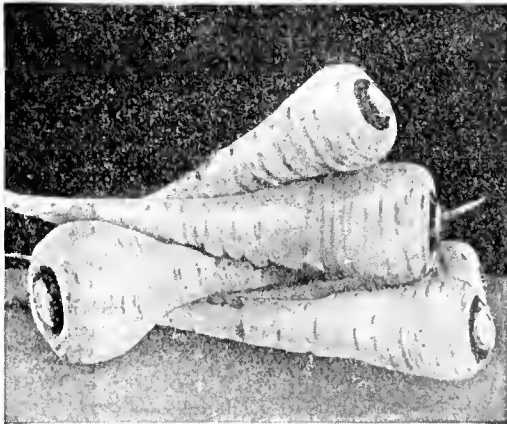
ONION SETS—By Express or Freight Only			
	Lb.	5lbs.	10lbs.
White Bottom	.30	\$1.40	\$2.70
Brown Bottom	.30	1.35	2.60
Yellow Bottom	.25	1.20	2.30
Yellow Multiplier	.35	1.50	2.80

**NOTICE**—These prices on Onion Sets apply when wanted by express or freight only, at purchaser's expense.

PARSNIP

Ger.—Pastinake. Scand.—Pastinak.  
(One ounce for 200 feet of drill—5 to 6 lbs. in drills per acre)

Sow as early in the spring as the weather will permit, in drills 15 inches apart, covering half an inch deep. It is usual to take up in the fall a certain quantity for winter use, leaving the rest in the ground till spring to be dug up as required.



Parsnip—Hollow Crown or Guernsey

**Hollow Crown or Guernsey**—An excellent variety for the table. The roots are long with long white skin, uniform in shape, tender and of the best quality. The variety is easily distinguished by leaves growing from the depression on top of crown or root. 85 days. Pkt., 5c; oz., 20c; ¼-lb., 40c; lb., 95c.

**Long White or White Dutch Sugar**—This variety of parsnip is very hardy and will keep well through the winter without protection. The roots are long, white, smooth, tender and of most excellent flavor. Much used for the table and suitable also for stock feeding. 100 days. Pkt., 5c; oz., 20c; ¼-lb., 40c; lb., 95c.

**Forcing Growth**—Nitrate of Soda is a very strong stimulant for young growing plants. Vegetables grown for their leaves and stems, like lettuce, cabbage, celery, etc., can be improved by a light application or two of Nitrate of Soda in the early growing period. Nitrate of Soda is readily soluble. Use one ounce to three gallons or one pound to fifty gallons of water. Apply this in small amounts some little distance from the plant. Repeat in from twenty to thirty days. See Index.

INOCULATE THIS  
SEED WITH  
STIMUGERM

Ger.—Erbsen.

# PEAS

Seand.—Dan-Nor.

INOCULATE THIS  
SEED WITH  
STIMUGERM

(1 lb. to 100 feet of drill—80 to 100 lbs. to the acre)

**NOTICE**—If ordered alone add for mailing, 5c per ½-pound, 10c per pound, 15c per 2 pounds

Peas are quite hardy, and for early crop sow as soon as the ground can be worked. Then sow in succession every two weeks until the first of August. They require moderately rich soil but not excessively rich or wet, or they will run too much to vine and will not bear heavily. The varieties can be planted in rows 12 to 18 inches apart, and the tall varieties 3 feet apart. The tall varieties should be staked by brush or tied up. By using the various classes of peas and making several sowings of each, good peas can be had for a long season. The pods should be kept picked; the plants will then continue to bear longer. For late sowing, use Early Dwarf varieties.

## Extra Early Round Seeded Varieties



ALASKA PEAS

### VOLCK

WILL KILL

MEALY BUG.

WHITE FLIES.

RED SPIDER,

RUST MITES,

ETC.

SEE

INSECTICIDES

IN INDEX

**Alaska or Earliest of All**—The earliest pea on the market. The seed is smooth and of bluish color. On this account it is very popular with canners and market gardeners. Very uniform in ripening and an excellent yielder. Height 24 to 30 inches. 45 days. Pkt., 5c; ½-lb., 25c; 1 lb., 35c; 2 lbs., 65c.

## Extra Early Dwarf Wrinkled Varieties



AMERICAN WONDER PEAS

ACME BAIT-M  
PREVENTS AND  
REPELS  
CUT WORMS.  
SNAILS, SLUGS,  
GRASSHOPPERS,  
AND OTHER

INSECTS

SEE

INSECTICIDES

SEEDS FOR  
FLAVORING

AND

MEDICAL  
PURPOSES

SEE

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**American Wonder**—In the dwarf compact growing extra earlies the American Wonder is an excellent Pea; can be grown in rows 18 inches to two feet apart. They are quite prolific; the crop can be gathered in 2 or 3 pickings and the soil cleared for succeeding crops; 9 to 12 inches high. 55 days. Pkt., 5c; ½-lb., 25c; 1 lb., 40c; 2 lbs., 70c.

On Peas in lots of 5 lbs. or more of one variety, deduct 5c per lb. when ordered by express or freight not prepaid.

## Extra Early Wrinkled Varieties—(Continued)

**Little Marvel**—A first early Pea of the finest quality, and highly recommended. The vines of dwarf even growth average 18 inches high, and are heavily set with fine pods, usually in pairs. The pods average 3½ inches in length, are well filled with quite large, deep green Peas. The Peas are ready for picking fully as early as American Wonder but the pods are larger and the vines bear a much heavier crop. All who desire a fine crop of an early, choice variety of Peas will be delighted with Little Marvel. 60 days. Pkt., 5c; ½-lb., 25c; 1 lb., 40c; 2 lbs., 70c.



Peas—Little Marvel

**Little Gem**—Height 16 to 18 inches. The vines are of dwarf growth and produce an abundance of round, well filled pods 2½ to 3 inches long, only five days after the American Wonder. The Peas are green, wrinkled, of sweet, delicious flavor and excellent quality. One of the best for family use. It remains for use longer than the American Wonder and is thought by many to be sweeter. 60 days. Pkt., 5c; ½-lb., 25c; 1 lb., 35c; 2 lbs., 65c.

### LAXTON'S PROGRESS

In this wonderful new Pea we have the best yet in the Laxtonian type. The plant is of dwarf habit, growing about 18 inches in height, with dark green foliage and pods, and is exceedingly productive for a dwarf variety. The handsome, large pods are four inches in length, broad and pointed and contain 8 to 9 very sweet wrinkled Peas. A most desirable sort for the home garden and is rapidly winning favor. 60 days. Pkt., 5c; ½-lb., 25c; 1 lb., 45c; 2 lbs., 80c.

**StimUplant**  
Makes a  
Wonder Garden



Peas—Laxton's Progress

## LENTILS

**Lentils**—Growth and habit similar to the Pea. Is in great demand for cooking purposes; makes excellent soup. Lb., 20c, postpaid, 28c; 5 lbs., 85c, postpaid, \$1.00.

Acme Bait-M prevents and repels cut worms, snails, slugs, grasshoppers and other insects. (See Insecticides.)

LET FLOWERS BRING THE BREATH OF SPRING TO YOUR HOME



INOCULATE THIS  
SEED WITH  
STIMUGERM

Ger.—Erbesen.

# PEAS

Scand.—Dan.—Nor.

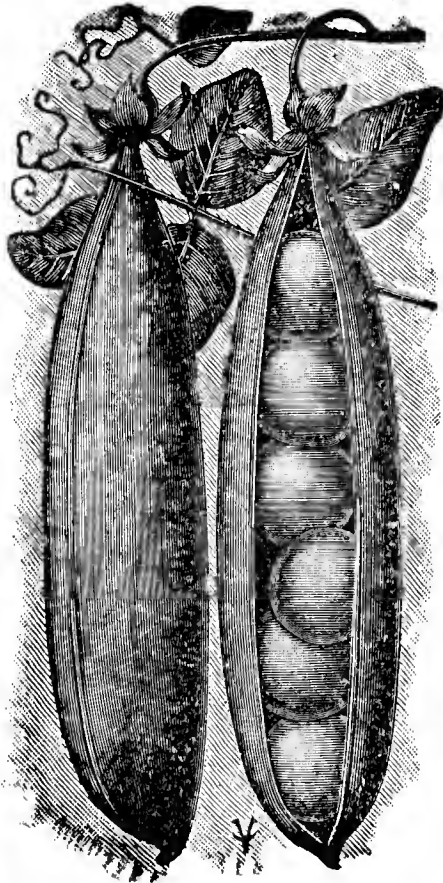
INOCULATE THIS  
SEED WITH  
STIMUGERM

NOTICE—If ordered alone add for mailing, 5c per ½-pound, 10c per pound, and 15c per 2 pounds

## Early Wrinkled Varieties

**Carter's Daisy or Early Dwarf Telephone**—The striking features of the Daisy Pea are its large pods and the way in which they are heaped up in ridges on the short, strong vines. The pods are nearly double the size of American Wonder or Little Gem, and are always well filled with large Peas of most excellent quality. The vines are 16 to 18 inches high, and being strong and thrifty, require no support, making it an ideal variety. This Pea is desirable on account of the fine appearance of the pods, and always finds a ready sale. 65 days. Pkt., 5c; ½-lb., 25c; lb., 40c; 2 lbs., 70c.

**Gradus or Prosperity**—Extra early wrinkled Pea. This remarkable Pea is not only large and of the best quality, but is within two or three days as early as the small round extra early sorts. Gradus is a wrinkled Pea, growing about 30 inches high; the pods are of a bright green color measuring 4 in. with luscious Peas, 8 to 9 or more in a pod. The Peas are of the highest table quality and retain in a remarkable manner their color and attractive appearance after cooking. A grand Pea in all respects. 60 days. Pkt., 5c; ½-lb., 25c; lb., 40c; 2 lbs., 70c.



Peas—Gradus or Prosperity

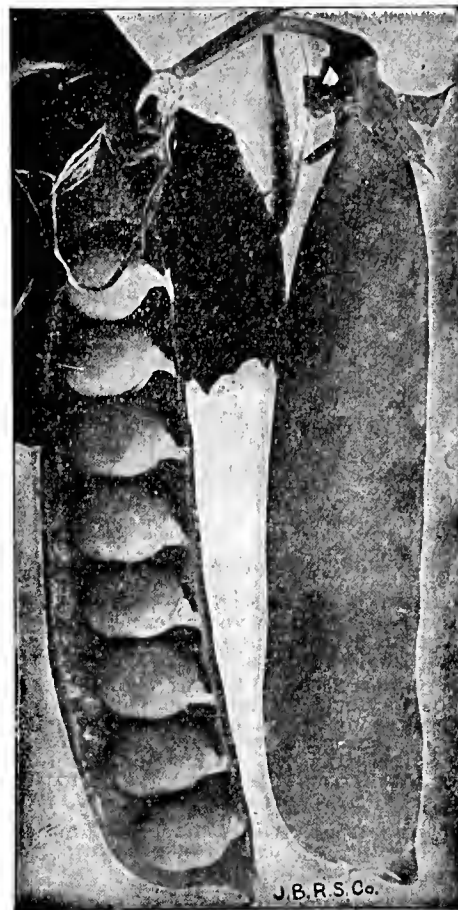
**Laxtonian**—The largest podded of the early dwarf wrinkled varieties. Has no superior for either quality or productiveness. Ready to use within a very few days of the very earliest types. Similar to Gradus in shape; height about 18 inches. The pods four inches or more long, slightly curved, with a sharp curve at the end, contain eight to ten wrinkled luscious Peas of finest flavor. Almost double the size of any other early dwarf wrinkled Pea. One of the few Peas to receive the Award of Merit. One of the largest yielding varieties. Vines are vigorous, foliage dark green, which enables it to resist the extreme conditions to which Peas are subjected in many sections of the United States. A good Pea for the market grower or the home garden. A Pea of real merit. 65 days. Pkt., 5c; ½-lb., 25c; lb., 45c; 2 lbs., 80c.

**Melting Sugar**—(edible pods). We consider this the best of the edible-podded sorts, in which the pods are used when half grown and are cooked in the same way as snap beans. The pods of Melting Sugar are very large, four to five and a half inches long, broad, often curved or twisted, and when young, stringless, very tender and finely flavored. The variety we offer, sometimes called Mammoth Melting Sugar,

is very prolific, strong growing, about four or five feet high, with large, light-colored foliage. 85 days. Pkt., 10c; ½-lb., 30c; lb., 50c; 2 lbs., 90c.

## Main Crop Varieties

**Roosevelt** — This splendid Pea is of the same podded type as the Telephone but the pods are larger and the Peas sweeter. The Roosevelt Pea surpasses all other large-podded varieties in another particular, that of productiveness. In other words a pint of Roosevelt Pea pods will yield as many shelled as a quart of most other sorts. Quality is always to be preferred to quantity, but a Pea which will give better quality and larger quantity is the Pea to plant; that Pea is the Roosevelt. A very popular variety. Height, 4 feet. 65 days. Pkt., 5c; ½-lb., 25c; lb., 40c; 2 lbs., 70c.



Peas—Roosevelt

**Telephone—Tall—Medium late.** This fine Pea has proved a valuable acquisition, vines vigorous, growing about four feet high and producing an abundance of large pods and filled with immense Peas, which are tender, sweet and of excellent flavor. It has sterling merit, which gardeners appreciate. 75 days. Pkt., 5c; ½-lb., 25c; lb., 40c; 2 lbs., 70c.

**Dwarf Champion**—A desirable main crop sort for the market or home garden. The vines are of a medium height, about two and one-half feet, stout, vigorous and hardy, and are unusually productive. The pods are large, often four inches long, broad, quite straight, deep green in color, handsome and very well filled with large Peas which are tender and unsurpassed in quality. Seed large, light green. Dwarf Champion is similar to Champion of England in pods only; the vine is shorter and more sturdy. Pkt., 5c; ½-lb., 25c; lb., 40c; 2 lbs., 70c.

**Large White Marrowfat**—The vines of this tall variety are about five feet high and of strong growth. The pods are large, about three inches long, cylindrical, surface somewhat roughened, light-colored and well filled. Seed large, smooth, round and light creamy yellow. It is desirable for summer use but is not as sweet and tender as most sorts, although undoubtedly one of the most productive of the garden varieties. Grow this variety for your supply of dried Peas for winter use. Pkt., 5c; ½-lb., 20c; lb., 30c; 2 lbs., 55c.

## PLANT A GARDEN Eat More Vegetables

Vegetables are the natural source of vitamins. Vegetables contain more of this life force than any other food. Vegetable food is pure food. Vegetables are healthful. Grow more vegetables. Eat more vegetables.

On Peas in lots of 5 lbs. or more of one variety, deduct 5c per lb. when ordered by express or freight not prepaid.

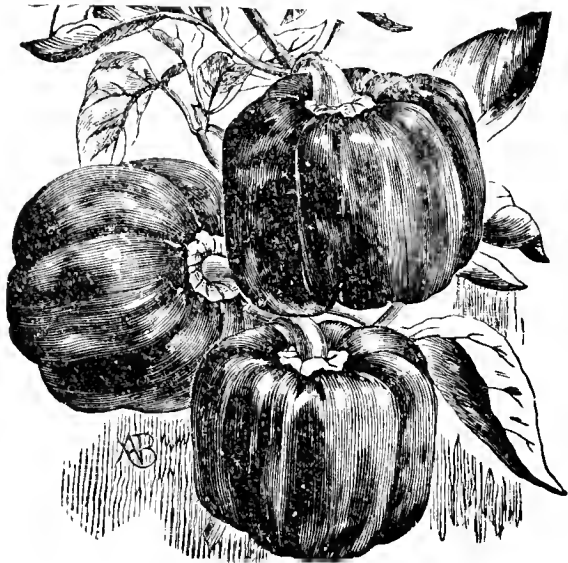
## PEPPERS

Ger.—Pfeffer.

Scand.—Spankspebr.

(One ounce will produce 1,000 to 1,200 plants)

Peppers are growing in popularity among cooking experts for seasoning pickles, sauces and various dishes. Plant seed  $\frac{1}{4}$ -inch deep in a hot bed, cold frame or box in the house, set in rows about  $1\frac{1}{4}$  feet apart each way in the garden, about corn planting time. Hen fertilizer is excellent and will greatly increase the yield.



Pepper—Large Bell or Bull Nose

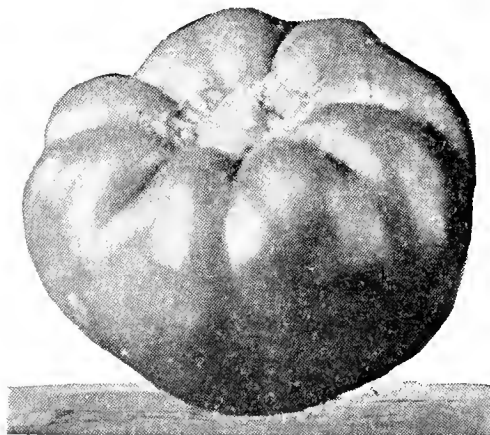
**Large Bell or Bull Nose**—Flesh thick, hard and less pungent than most other varieties; excellent quality for use in salads or for stuffed peppers. Sometimes three to four inches in length. 140 days. Pkt., 10c;  $\frac{1}{2}$ -oz., 25c; oz., 40c;  $\frac{1}{4}$ -lb., \$1.25.

**Harris' Earliest**—The earliest Pepper in cultivation and therefore splendidly adapted for the North, as it matures before danger of frost; of dwarf, compact growth; about 18 inches tall, bearing a wonderful crop of scarlet fruits of good marketable size;  $3\frac{1}{2}$  inches long and  $2\frac{1}{2}$  inches thick. The flesh is thick, sweet and always mild; matures in 125 days. Pkt., 10c;  $\frac{1}{2}$ -oz., 35c; oz., 60c;  $\frac{1}{4}$ -lb., \$1.75.

**Cayenne Long Red**—Pods are small cone-shaped and red, hot and pungent, used for pickling. 130 days. Pkt., 10c;  $\frac{1}{2}$ -oz., 30c; oz., 55c;  $\frac{1}{4}$ -lb., \$1.75.

**Pimiento—The Mildest Flavored of All Peppers**—It is extensively grown for pimientoes, pickles and pulp, maturing in 135 days. Its productiveness makes it a desirable sort for market gardeners as it yields heavy crops until cut off by frost. Its smooth, thick flesh and uniform shape make it an excellent shipper. Should be planted in every garden where a delicious sweet-flavored Pepper is wanted both for salad and for stuffing. Pkt., 10c;  $\frac{1}{2}$ -oz., 25c; oz., 50c;  $\frac{1}{4}$ -lb., \$1.50.

## "TOPEPO"—The World's Newest Vegetable



The Topepo is of excellent flavor, combining the delicious qualities of the pepper and the tomato. Topepo is a cross between the Stone Tomato and the Large Bell Pepper.

Its gorgeous colorings of valid red, deeper than the tomato, or golden yellow, striped with dark green, make a very handsome table decoration. In flavor the Topepo resembles the Bell Pepper but it is sweeter, not so peppery and has the zest of the tomato flavor.

It is from four to five inches in diameter. In shape it resembles the Bell Pepper. The plants grow in a spreading bushy form like the tomato. The foliage is a deep rich green, is smooth and shiny, like the pepper; the pepper for stuffing and baking, because of its beautiful color and of its firm thick walls, does not break down when baked. It is also used for slicing in salads, for flavoring soups and gravies, or dressings, and for stuffing. It can be combined with any vegetable in making original dishes. A very important feature of the Topepo is its keeping quality. You will find the Topepo a fine addition to your menu if you have a home garden. Full directions on every package. Pkt., 25c; 5 pkts., \$1.00;  $\frac{1}{8}$ -oz., \$1.50;  $\frac{1}{4}$ -oz., \$2.50.

## OUR LITTLE PRUNING BOOK

Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc. Each, 30c, postpaid.

## PUMPKINS

Ger.—Melonen—Kaubis.

Scand.—Graesker.

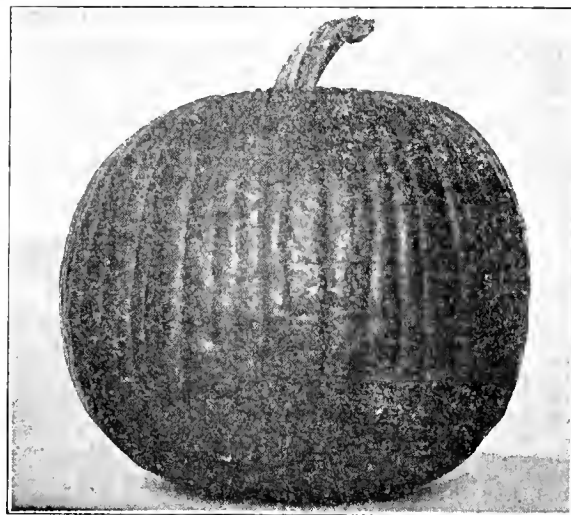
(One ounce for 25 hills—3 lbs. to the acre)

**Culture**—The common practice is to drop two or three seeds in every third or fourth hill in the corn field, but if cultivated on a large scale, the seed may be sown in hills 8 feet apart each way, four plants to each hill.

## Early Small

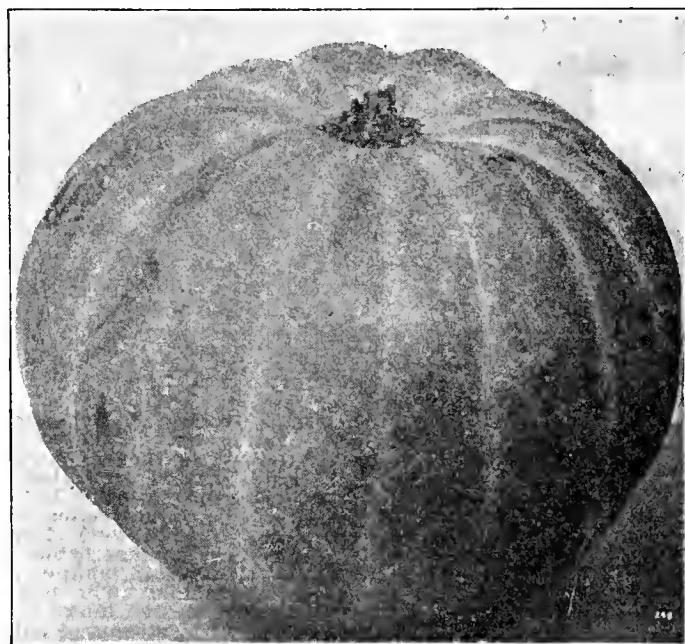
## Sugar or Pie

—Is so well known as the best pie Pumpkin. It requires little description. The fruit is small to medium size with solid fine grained flesh, and such a sweet sugary delicious flavor they all call for "more"; the seed cavity is small. 70 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$ -lb., 40c; lb., \$1.00, postpaid.



Pumpkin—Early Small Sugar or Pie

**Japanese Pie—A Large, Dark Green Crookneck Sort**—A high quality Pumpkin of Japanese origin. The flesh is very thick, of a rich salmon color, fine grained, dry and sweet. Of medium size, early, very productive and a good keeper. Highly desirable for pies. Ripens in 70 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$ -lb., 45c; lb., \$1.25.



Pumpkin—Large Cheese or Kentucky Field

**Large Cheese or Kentucky Field**—A large round flattened Pumpkin with broad ribs; the skin is of rich cream color, flesh yellow, tender and of excellent quality. Extra fine quality for family and market use, fine for pies and rich food for stock. 90 days. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 25c; lb., 95c.

**"Jumbo" or "King of Mammoth"**—Fruits grow to enormous size. Salmon-orange skin; very thick bright yellow flesh, which is fine grained and of excellent quality for pies. 90 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$ -lb., 45c; lb., \$1.25.

## Winter Queen or Winter Luxury

—Medium size, nearly round, skin a beautiful deep orange-yellow, finely netted. Very productive, sweet, tender, and an excellent keeper. 80 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$ -lb., 45c; lb., \$1.25.

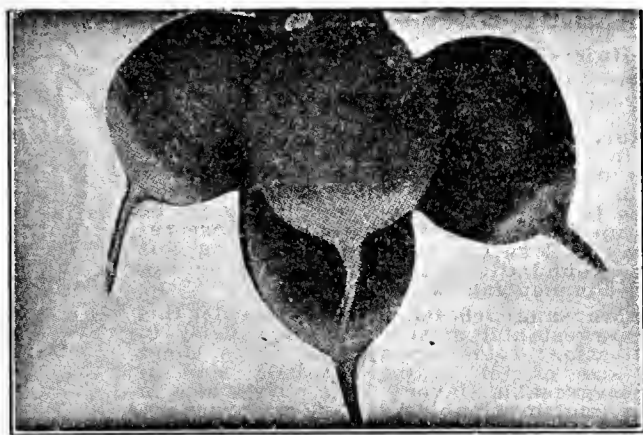
## Connecticut Field—The Best

**Yellow Field Sort**—Also known as Big Tom. A large round or slightly oval shape Pumpkin. Skin reddish orange color, with rich orange yellow flesh. Extensively grown for stock feeding, and generally planted with corn, producing enormous crops in 90 days. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 25c; lb., 85c.



Pumpkin—Connecticut Field





Radish—Early Scarlet Turnip, White Tipped

**RADISH**

Ger.—Radies.

Scand.—Reddik.

(One ounce will sow 100 feet of drill—8 to 10 lbs. to the acre)

Being a root crop, good brittle Radishes require light, well-worked soil, made very rich and mellow to insure quick growth. If permitted to grow slowly, they become tough and pithy. They are easy to grow and frequent planting will insure a constant supply for the table. Thin the very young plants somewhat to prevent crowding. Summer varieties can be sown all spring and well into summer. Winter varieties, however, require some time to mature; the seed of these should be planted in June to July.

**Early Round Varieties**

**Early Scarlet Turnip, White Tipped**—A splendid early Radish; very attractive appearance; its white tip and deep scarlet are always pleasing to the eye. Very tender and of good flavor. 25 days. Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.00.



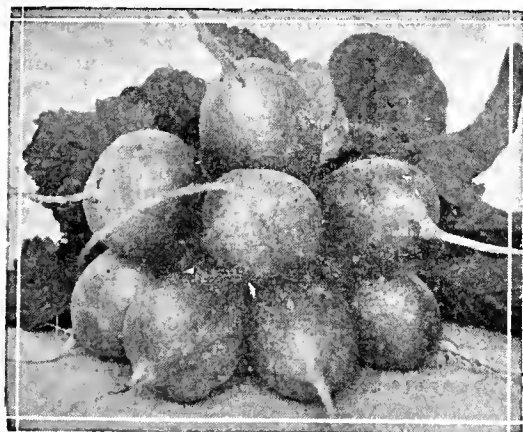
Crimson Giant Globe

**Extra Early Saxa**—The earliest of all Radishes and slow to run to seed. We recommend it for the first planting in the garden, and also for forcing in hot bed and greenhouse. Round, bright scarlet, with the smallest possible tops. Exceptionally crisp and tender and of fine flavor. 20 days. Pkt., 10c; oz., 25c; ¼-lb., 50c; lb., \$1.25.

**Early Scarlet Turnip**—A well-known Radish for early home and market use. Matures quickly, crisp and of good flavor. 25 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., \$1.00.

**Crimson Giant Globe**—A variety extraordinary in that while growing to an unusually large size, is always tender and of mild flavor. It remains in perfect condition a remarkably long time and unlike other forcing varieties, does not become pithy even when twice their size in diameter. 32 days. Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.00.

**Early White Turnip**—A very quick-growing, small turnip-shaped variety. Color, clear white; very mild flavor. 35 days. Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.00.



Radish—Early Scarlet Globe

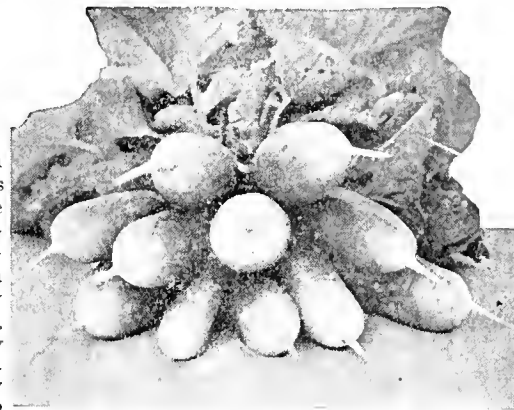
**Early Scarlet Globe**—One of the earliest; flavor mild, crisp, juicy and tender. It forms a small top and will stand a great amount of heat without becoming pithy. 25 days. Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.00.

**To Prevent Worms in Your Radishes****Use Carco—See Index for Insecticides**

**StimUplanT**  
Makes a  
Wonder Garden

**RADISH**

Radish seed can be planted about as early as any of the vegetables. It is important that Radishes be grown quickly, for if they come on slowly, they will be pithy and strong. Successive plantings may be made every two weeks.



Radish—French Breakfast

**French Breakfast or Half Long**—Medium size, olive-shaped Radish, small top, scarlet except at the tip, which is white; a splendid table variety for either forcing or outdoor culture. Makes rapid growth. A great favorite. 30 days. Pkt., 5c; oz., 20c; ¼-lb., 40c; lb., \$1.00.

**Summer Radishes—Long Varieties**

Grow larger than early varieties and remain in good condition longer.

**Long White Vienna or Lady Finger**—An extra-fine garden Radish. Both skin and flesh are pure white; the flavor is quite mild, and the roots seldom become pithy, remaining in good condition for a considerable length of time. 30 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., 95c.

**White Icicle**—The roots of this Radish grow about six inches long, are of transparent whiteness with short leaves, and make their growth very quickly. It is of excellent flavor and equally valuable for home use and market gardeners. 30 days. Pkt., 5c; oz., 20c; ¼-lb., 40c; lb., \$1.00.



Radish—Icicle

**White Strasburg**—In our opinion there is no better Radish grown; the roots are white and grow to a large size, four or five inches long; for sweetness, tenderness and flavor, it is unequalled. Keeps crisp and tender for a very long time. 40 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., 95c.



Radish—White Strasburg

**Long Scarlet Short Top**—This bright scarlet short topped sort is about 5 inches long, growing half out of the ground; is uniformly straight and smooth, crisp and brittle; an excellent variety for private gardens or market. 35 days. Pkt., 5c; oz., 20c; ¼-lb., 40c; lb., 95c.

**Winter Varieties**

**Make your first planting the middle of June, a second the middle of July.** Sow thinly in rows not less than 15 inches apart between the rows, and thin out to stand 6 inches apart in the row; firm and well-drained soil is essential. Apply water during dry weather. Winter Radishes are easily stored for winter use in any frost-proof cellar in damp sand.

**China Rose**—One of the best fall and winter varieties; firm, white flesh. 60 days. Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.00.

**Mammoth White China or Celestial**—Flesh solid and brittle; pure white; flavor mild or slightly pungent. A splendid keeper for use in winter; very showy. 70 days. Pkt., 5c; oz., 20c; ¼-lb., 40c; lb., \$1.00.

**Long Black Spanish**—The latest and hardiest of all the winter Radishes; roots black, long, large and good keeper; pull before severe frost and store in damp sand in root house. 70 days. Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.00.

**Round Black Spanish**—A round form of above. 60 days. Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.00.

**Sakurajima or Mammoth Japan**—This is a mammoth variety, and is said to be the largest variety that is obtainable in Japan. Very tender and round. Pkt., 5c; oz., 20c; ¼-lb., 65c; lb., \$2.00.

**Nerima or Mikado**—A wonderful product of the Orient, with snow-white flesh, very tender and under good conditions growing from two to three feet in length. Pkt., 5c; oz., 20c; ¼-lb., 65c; lb., \$2.00.

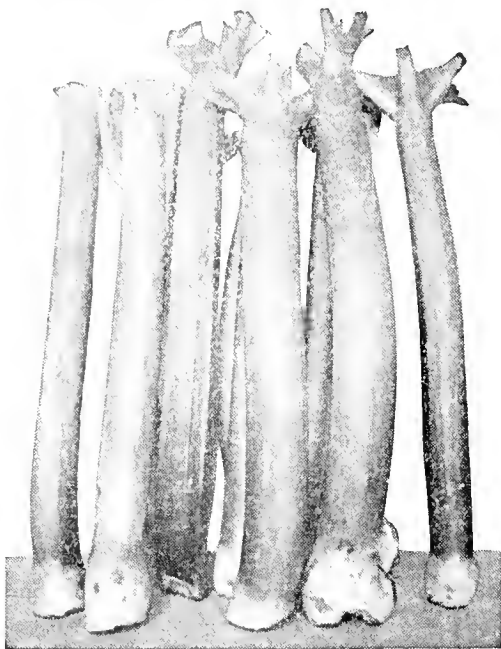
**WE INVITE ALL HAVING PLANT TROUBLES TO WRITE US**



**RHUBARB**Ger.—Rhababer.  
(One ounce to 125 feet of drill—1 lb. to acre)Scand.—Rhababer.  
(One ounce to 125 feet of drill—1 lb. to acre)

Seed should be sown early in the spring in shallow drills 1 foot apart; thin out to stand 4 to 5 inches apart in the row. In the fall or following spring the roots should be transplanted into permanent beds and placed 3 feet apart each way; the year following that, or two years after sowing the seed, the Rhubarb may be used. Do not cut Rhubarb, pull it so that it comes out whole from the crown.

For forcing, take up some of the larger roots and plant them in a dark corner of the cellar. It pays to cultivate Rhubarb frequently, even after the cutting season is over, and to top-dress with manure in late summer or fall at least every other year.



Rhubarb—Victoria

Victoria—A variety from Holland with extra large, dark red stalks with plenty of juice. Becoming the most popular variety. Pkt., 10c; oz., 25c; ¼-lb., 75c; ½-lb., \$1.00; lb., \$2.00.

**NEW GUINEA BUTTER BEAN**

New Guinea Butter Bean

**One of the Most Delicious of All Vegetables**

We are offering planters another vegetable of real worth and merit. Nearly every one who has tried it speaks of it very highly. The New Guinea Butter Bean is a member of the edible gourd family and in growth is similar to the squash, and can be grown in the same manner or can be trellised up. It is wonderfully prolific, considerably more productive than squash and much easier to grow. The vines are always free from disease and insect pests, and really stand more neglect and abuse than any other vegetable vine we know of.

The fruits of the New Guinea Butter Bean grow to an enormous size, often 3 to 5 feet in length, but should be eaten when small, while the fuzzy growth is yet on. They can be cooked like Squash, fried like Egg Plant, pickled like Cucumbers, or cut up in small pieces and cooked with cream. When cooked with cream or fried it is most delicious, and if you would like to try something new this season, you will find that this vegetable is a most desirable addition to your garden.

The New Guinea Butter Bean is so productive that three plants will supply any ordinary family. If trellised up, the vines take up so little space, no garden is so small but that room can be found somewhere for at least two or three plants. One of our customers who tried it writes us that he cut 75 fruits from one vine, and that each fruit was from 2½ to 3 feet long. Pkt., 10c; ½-oz., 30c; oz., 50c.

**Seeds for Flavoring, Medical and Other Purposes**

	Postpaid	¼-lb.	lb.
Celery—For flavoring and soup (not for sowing).....	\$ .20	\$ .60	
Dill—For flavoring .....	.15	.50	
Pumpkin—(For medical purposes) .....	.25	.75	
Watermelon—For medical purposes) .....	.15	.40	
Muskmelon—(For fancy work) .....	.15	.40	

Flower and Vegetable Seed Collections  
See Page 74

**SALSIFY OR OYSTER PLANT**

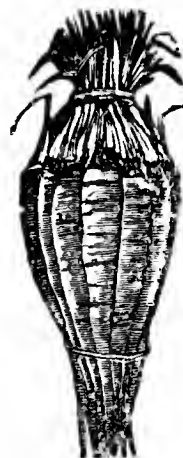
Ger.—Hafer-Wurzel.

Scand.—Havrerod.

(One ounce will sow 100 feet of drill)  
(8 lbs. to the acre)

**Culture**—Sow the seed in light, deep soil, early in spring, in drills 12 inches apart and 1 inch deep, thinning out the young plants to 4 or 5 inches. The roots will be ready for use in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground till spring, but should be dug before commencing their growth.

**Mammoth Sandwich Island**—We consider this the largest and most profitable salsify in cultivation; roots are two to three times the size of the ordinary salsify, and of more agreeable flavor. It is pure white in color, and invaluable to market gardeners. 90 days. Pkt., 10c; oz., 30c; ¼-lb., 90c; lb., \$2.50.



Salsify

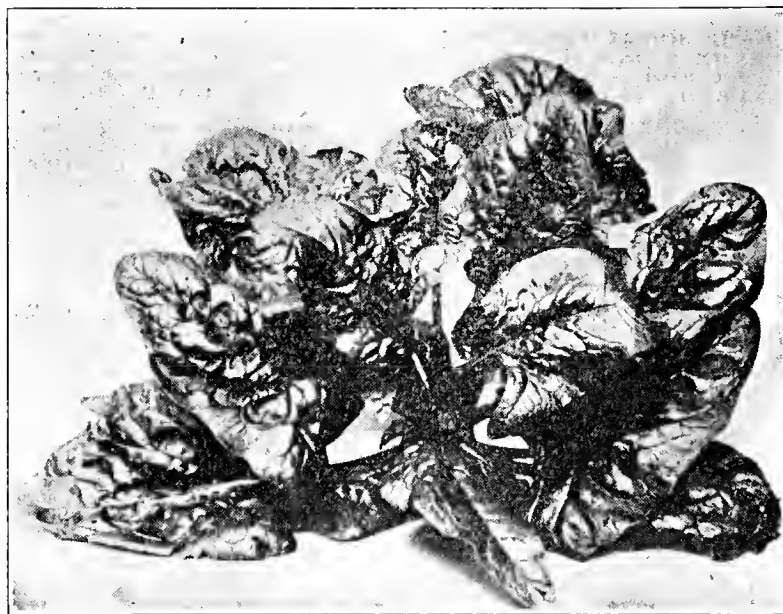
**SPINACH**

Ger.—Spinat.

Scand.—Spinat.

(One ounce for 100 feet of drill)  
(10 to 12 pounds in drills for one acre)

The main crop is sown in September. It is sometimes covered up in exposed places with straw or salt hay during winter, which prevents it from being cut with frosts; but in sheltered fields there is no necessity for covering. For summer use it may be sown at intervals of two or three weeks, from April to August. Spinach is best developed and most tender and succulent when grown in rich soil.



Spinach—Round Thick Leaved

**Round Thick Leaved**—This variety grows quickly, forming a cluster of slightly wrinkled leaves of deep green color and good quality. The leaves are broad arrow-shaped but sometimes rounded. This is an extensively used medium early sort for the market and home garden. 45 days. Pkt., 5c; oz., 15c; ¼-lb., 30c; lb., 65c.

**Long Standing**—The best variety for family use, as it remains in good condition longer without running to seed than the round leaved sorts. Thick. Well-flavored leaves. 45 days. Pkt., 5c; oz., 15c; ¼-lb., 30c; lb., 65c.

**Bloomsdale Savoy Leaved**—One of the best of the savoy leaved type, with thick, heavily curled leaves. Very succulent and tender. 40 days. Pkt., 5c; oz., 15c; ¼-lb., 30c; lb., 65c.

**Prickly Winter**—One of the hardest varieties with medium sized broad leaves. Very tender. Pkt., 5c; oz., 15c; ¼-lb., 30c; lb., 65c.

**King of Denmark**—Stands two weeks longer than any other sort. This remarkable new Spinach is far superior to any of the above sorts. Its principal advantage is that it stands two weeks longer before running to seed than any other variety. The leaves are large, rounded. Savoy or crumpled of deep green color. Ready to cut in 48 days. Pkt., 5c; oz., 20c; ¼-lb., 35c; lb., 75c.

**New Zealand—(The Hot Weather Spinach)**—The stems and leaves of this variety are soft, thick, fleshy and crystalline in appearance. Started early in the spring, the plants will resist heat and make strong growth during the summer. 55 days. Pkt., 10c; oz., 20c; ¼-lb., 40c; lb., \$1.00.

LOOK OVER OUR VARIOUS SEED COLLECTIONS BEFORE MAILING YOUR ORDER

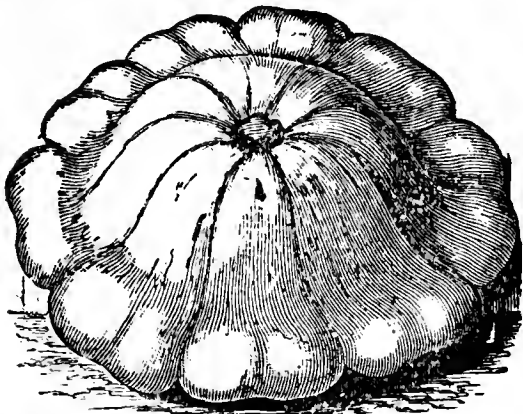
**SQUASH**

Ger.—Kurbiss.

Seand.—Squash-Graskar.

(One ounce to 25 hills; 3 to 4 lbs. to the acre)

There are two distinct types. The Summer varieties are cultivated for the tender young fruits which are used in the green or growing stage during the summer months. The winter squashes produce larger hard-shell fruits, which are gathered in the fall before there is danger of their being injured by frost, and stored in a warm, dry place for winter use. A few of the varieties may be used in either state.

**Summer Varieties**

Squash—Early White Bush

**Early White Bush**—One of the best early maturing varieties. The fruit is a beautifully waxy white of superior quality, somewhat flattened, scalloped along the edge and of medium size. It has that lasting deliciousness sweetness that leaves a hankering for more. 55 days. Pkt., 5c; oz., 20c; ¼-lb., 45c; lb., \$1.25.

**Stim-U-plant**

An all the year fertilizer for garden and house plants.



Squash—Vegetable Marrow

**Vegetable Marrow**—The favorite English Long White sort. The fruit is very desirable in size, from 9 to 19 inches in length and from 4 to 6 inches in diameter. Skin white, flesh white, and of rich flavor. This is distinct from all other varieties of Squash. 65 days. Pkt., 10c; oz., 25c; ¼-lb., 65c; lb., \$1.75.



Early Summer Crookneck

**Early Summer Crookneck**—Very early medium sized about 15 inches long and matures in 70 days. Flesh has a deep golden yellow color, is dry and of most agreeable flavor. Is the most highly esteemed of all summer varieties. 60 days. Pkt., 5c; oz., 20c; ¼-lb., 45c; lb., \$1.25.

Winter Squashes are easily stored in a warm dry room. Be sure to leave part of the stem attached to the fruits.

**COLLECTION—Salad Greens**

Very few people are acquainted with salad vegetables other than head lettuce. We offer the following collection of palatable, deliciously flavored green vegetables, to supply greens from April through the winter:

Cos Lettuce	Endive
Corn Salad	French Endive or Chicory
Chinese Celery Cabbage	Water Cress

One pkt. of each for 35c, postpaid.

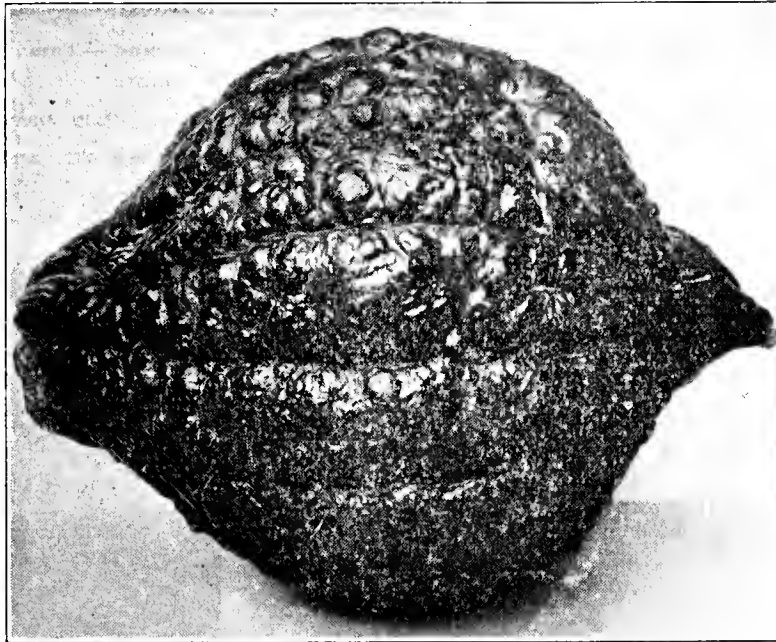
**TOBACCO**

(One ounce will plant an acre)

**Grow Your Own Smoking Tobacco**

**Cultural Directions**—The plants should be started in a hotbed, or in pots or boxes in the house, and transplanted outdoors, three feet apart each way, when danger of frost is past.

**Connecticut Seed Leaf**—Is the hardest variety in cultivation. Pkt., 10c; ½-oz., 35c; oz., 60c.



Squash—Improved Hubbard

**Fall or Winter Varieties**

**Red or Golden Hubbard**—This is identical in size, form and fruitfulness with the Warty Hubbard, the chief distinction being that the heavily warted skin is of a rich orange yellow, turning to a deep salmon red when ripened. It is of most attractive appearance, fine quality and is one of the most profitable market sorts. 105 days. Pkt., 5c; oz., 25c; ¼-lb., 55c; lb., \$1.50.

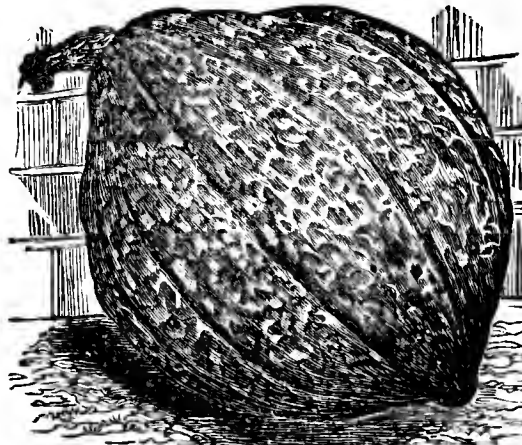
**Improved Hubbard**—This old and popular favorite is still one of the very best winter Squashes grown; always richly flavored. The vines are luxuriant growers and very productive, yielding large Squashes of dark bluish green color, weighing often 10 to 25 lbs. each. Properly stored it may be kept from September to May. 100 days. Pkt., 5c; oz., 25c; ¼-lb., 55c; lb., \$1.50.

**Delicious**—This fall and winter Squash is finer-grained and more delicious than the well-known Hubbard. The color of skin is green, with an occasional blue specimen; size about same as Hubbard, weighing from 5 to 10 lbs. The shell is not very thick, but is hard and strong; the flesh is thick and of a bright yellow color, fine grained and of splendid quality. For table use, either as a fall or winter Squash, it cannot be excelled. 110 days. Pkt., 5c; oz., 25c; ¼-lb., 55c; lb., \$1.50.

**Warty Hubbard**—It is similar in size and quality to the Hubbard. The vines are vigorous and productive, while the large dark olive-green fruits are rather more heavily warted. Very handsome in appearance; an excellent keeper and of splendid quality. 110 days. Pkt., 5c; oz., 25c; ¼-lb., 55c; lb., \$1.50.

**Table Queen**—Sometimes called Des Moines, Acorn, Individual, and Danish Squash—Cut in half and baked for twenty minutes, it will give you a delicious meal you will long remember, and if you like pie, try one from Table Queen. You will be pleased not only with the quality of this Squash, but you get so many from each seed planted, the vines being so vigorous and productive. The fruits are a nice size to handle, 6 to 7 inches long and 4 to 5 inches in diameter. The shell is hard and smooth, so that they keep as well as the Hubbard. The color is dark green, acorn shaped, makes an ideal individual Squash. Table Queen ripens in the fall. Pkt., 10c; oz., 25c; ¼-lb., 65c; lb., \$1.75.

**Boston Marrow**—Is a very popular Squash, very productive fall and winter variety of medium to large size, oval shape, and thin skin. It is much used for canning and making pies. The fruits when ripe are bright orange with a shading of light cream color. The flesh is of rich salmon yellow color, fine grained and of excellent flavor. 100 days. Pkt., 5c; oz., 20c; ¼-lb., 40c; lb., \$1.00.



Squash—Boston Marrow

DON'T OVERLOOK OUR FAMOUS ROSE COLLECTION—SEE COLOR PAGE



## TOMATO

Ger.—Liebesapfel.

Seand.—Tomat.

(One ounce will produce 2,000 to 3,000 plants)

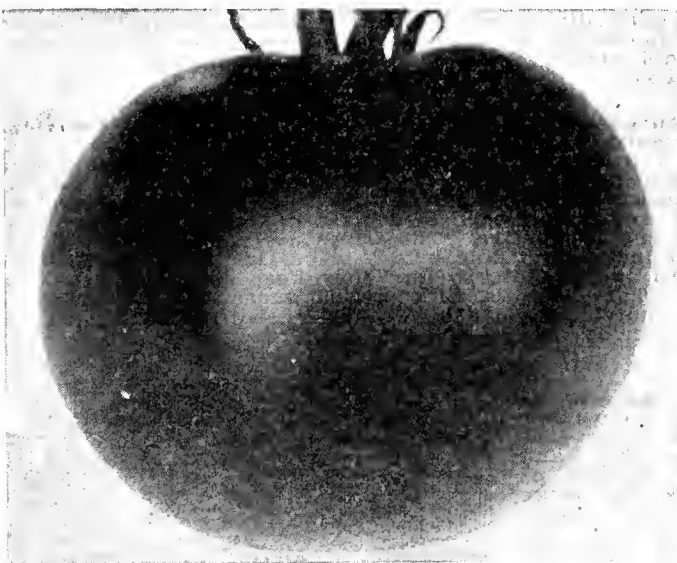
**CULTURE**—Sow early in hotbeds, and as soon as they have four leaves transplant into shallow boxes. Harden off, and set out as soon as danger of frost is past.

**Break O'Day**—Those who grow this new extra early Tomato this year will reap the highest profit from it. This new Tomato was developed from a cross between Marglobe and Marvana and was introduced by the U. S. Department of Agriculture. The beautiful scarlet fruits are of medium size, deep solid, smooth and almost seedless. Of vigorous growth but with very little foliage. It matures in about 80 days. From present indications it will be the most popular extra early Tomato in the market. Pkt., 25c; ¼-oz., \$1.00; ½-oz., \$1.50; oz., \$2.25.



Tomato—John Baer

**John Baer**—The seed of this Tomato was purchased by us from one of the largest growers in the East, who recommended it as one of the earliest of all Tomatoes, and our experience with it bears out this recommendation. The fruit is a bright red color of good size, round, smooth, very solid and producing very few seeds. 85 days. Pkt., 10c; ½-oz., 25c; oz., 40c; ¼-lb., \$1.20; lb., \$4.00.



Tomato—Bonny Best

**Bonny Best**—An extra fine early variety for the home garden; a few days later than the Earliana. The color is bright red; ripens evenly to the stem. It is a vigorous grower, quite productive and with splendid foliage for protecting fruit from the hot sun. 100 days. Pkt., 5c; ½-oz., 25c; oz., 40c; ¼-lb., \$1.20; lb., \$4.00.

**Tomatoes, Melons, Spinach** and some other crops requiring rather long growing seasons, are materially benefited by a second application of fertilizer when half grown. Side dressings of Bone Meal should be scattered between the rows at the rate of four ounces to ten feet of row, when rows are spaced two feet apart; and pro rata for rows spaced a greater or lesser distance.

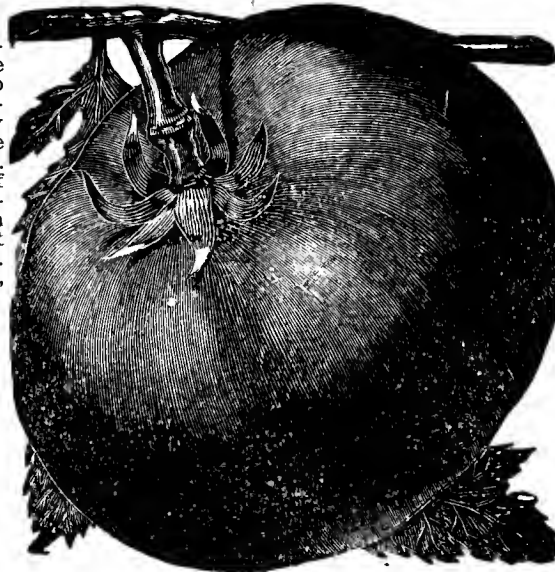
## Novelties

## Orange Sunrise

Is one of the earliest and most prolific in cultivation, either raw or cooked. Orange Sunrise possesses the finest flavor of any variety yet introduced and bears fruit of a beautiful orange color, medium size, appearing in large clusters, suitable for indoor and outdoor culture. We are convinced that all who give the Orange Sunrise Tomato a careful trial will realize its high value, notwithstanding popular prejudice in favor of red Tomatoes, it will succeed in establishing itself as one of our leading varieties. Pkt., 25c; ¼-oz., \$1.25; ½-oz., \$2.25; oz., \$4.00.

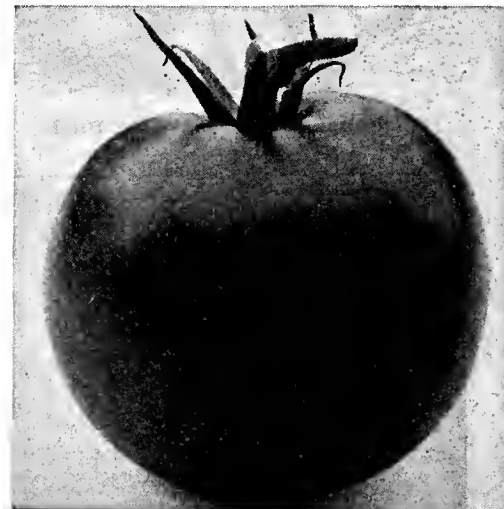
## Market King

Early and prolific. It is one of the finest Tomatoes for indoor and outdoor culture ever introduced; matures quickly from seed. The Market King sets freely and is an immense cropper, yielding heavy bunches at short intervals all over the plant. Fruit smooth and of fine quality, medium in size and perfectly round. The color is bright scarlet and produces almost no seed. We question if any other variety would, in a given space, carry so heavy a crop; for this reason it is very valuable for market purposes. Market King has won many awards and prizes. Pkt., 25c; ¼-oz., \$1.50; ½-oz., \$2.50; oz., \$4.50.



Tomato—Market King

**Avon Early**—Extra early scarlet fruited variety. Produces good sized fruits, round or slightly flattened, deep scarlet in color, smooth, free from cracks and of fine quality. Very productive, as early as Earliana and bearing for a longer time. Avon Early is a decided improvement over Earliana. 90 days. Pkt., 10c; ½-oz., 25c; oz., 40c; ¼-lb., \$1.15; lb., \$3.50.



Tomato—Spark's Earliana

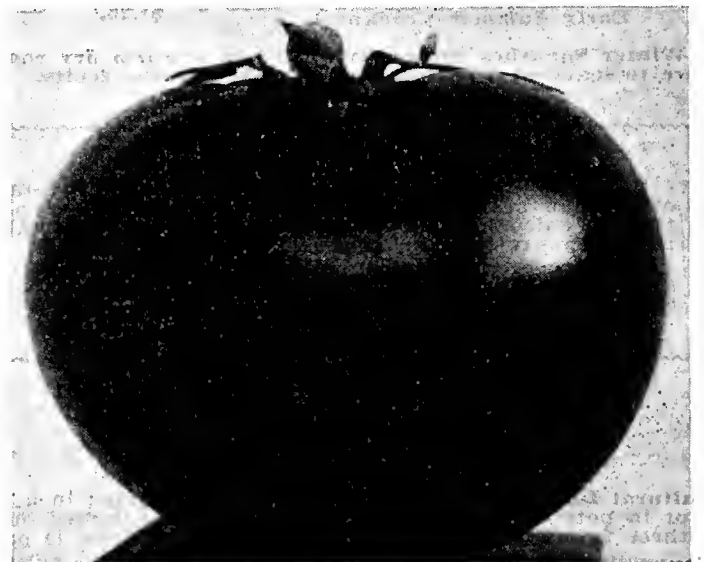
**Spark's Earliana**—Plants are of compact growth with stout, joined branches. Yields well and fruit is solid and of fine quality; bright red in color, of good size. Ready for market in 90 days. Pkt., 5c; ½-oz., 25c; oz., 40c; ¼-lb., \$1.15; lb., \$3.50.

**Marglobe**—This fine second early, developed by the Bureau of Plant Industry, U. S. Dept. of Agriculture, produces large, smooth, meaty, globular red fruits, which ripen evenly, and are free from cracks. An extremely heavy cropper, immense yields of excellent fruits being reported from every region where tried. Especially valuable to those who are in districts troubled with rust and wilt, and particularly in the Southern States, as this strain is immune. Pkt., 15c; ½-oz., 35c; oz., 60c; ¼-lb., \$1.80; lb., \$6.00.

**Golden Queen**—Fruit of good size and very smooth, solid and mild in flavor. Color is a bright yellow. Ripens early and is a prolific bearer. Many consider this yellow Tomato to be of a better flavor than any of the red varieties, and it is less acid. 100 days. Pkt., 5c; ½-oz., 30c; oz., 50c; ¼-lb., \$1.50; lb., \$5.00.

## Important

By supporting the plant less ground space is required, the fruit will ripen better and less will spoil.



Tomato—Golden Queen



TOMATO—Small Fruited Varieties

(For Pickling and Preserving—Invaluable for Garnishing)

Red Pear—

Red Peach—

Red Plum—

Red Cherry—

Red Currant—

Pkt., 10c; ½-oz., 35c; oz., 60c; ¼-lb., \$1.80.

Winter Cherry, or Purple Husk Tomato—Makes fine sauce.

Pkt., 10c; ½-oz., 40c; oz., 75c; ¼-lb., \$2.50.

Yellow Cherry—

Yellow Plum—

Yellow Peach—

Yellow Pear—

Pkt., 10c; ½-oz., 35c; oz., 60c; ¼-lb., \$1.80.

Ground Cherry, Strawberry, or Yellow Husk Tomato—Plants of low-spreading growth and immensely productive. The small yellow fruits are each inclosed in a husk. Of very sweet flavor, highly esteemed for preserving or making pies. Pkt., 10c; ½-oz., 40c; oz., 75c; ¼-lb., \$2.50.

TURNIP

Ger.—Steckruebe.

Scand.—Turnips.

(One ounce will sow 150 feet of drill—2 lbs. will sow an acre)

Culture—For early use, sow as soon as the ground can be worked in spring, in drills 15 inches apart, and thin to 8 inches apart as soon as plants are large enough to handle. The sowing should be made just before rain, if possible, a rapid growth being important.

For feeding stock in fall and winter there is nothing superior to Turnips and Rutabagas, as they are much liked by all kinds of stock and serve to keep them in good condition. We cannot too earnestly recommend farmers to increase their sowings largely for we are sure the crop will prove remunerative.

White Varieties

White Milan—Extra Early—Very small top, upright and compact; the clear white roots are very smooth, symmetrical and beautiful; there is no better Turnip for early bunching; fine grained, tender and sweet. 45 days. Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.00.

Purple Top Milan—Extra Early—Very similar to the White Milan except that the roots are a little more flat, and the top of the root is purple. 45 days. Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.00.

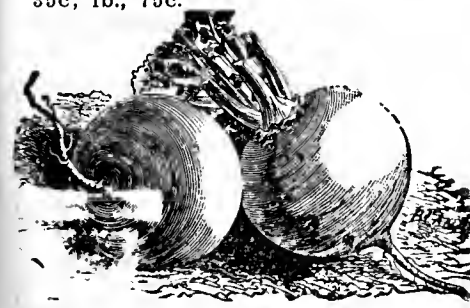
Early Snowball—A medium globe shaped variety of pure white. Very solid and of the finest quality for table use. Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., 85c.



Turnip—Purple Top Strap Leaf



Turnip  
Purple Top White Globe



Turnip—Golden Ball

Turnip

Purple Top White Globe

Turnip—Purple Top Strap Leaf

Purple Top White Globe—Round, globe shaped, about six inches in diameter, with smooth, white skin; flesh pure white, firm and crisp, and of quick growth. A good keeper and fine for market. 70 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., 75c.

Purple Top Strap Leaf—The most generally planted of any variety. It is a quick grower, the flesh is very fine grained and sweet flavored. The red top of the bulb extends down to where it rests in the soil. 55 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., 75c.

Early White Egg—An old favorite, egg-shaped, perfectly smooth, firm and mild. 50 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., 75c.


Yellow Varieties

Golden Ball—The most delicate yellow fleshed Turnip; of medium size; firm, hard and of superior flavor. Valued highly as a table variety. 70 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., 80c.

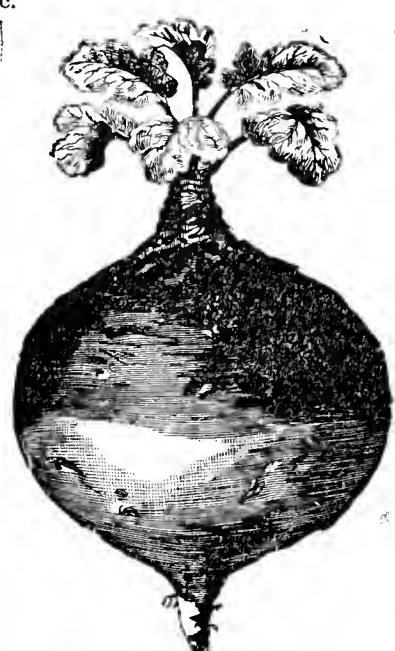
RUTABAGA—Winter Turnip

These require a longer season in which to grow than do other Turnips; the seed should be sown about the first to the middle of June.

Bangholm—The seed of this variety of Rutabagas is grown in Denmark by Daehnfeldt, who has been awarded a first class certificate on several occasions by the Danish government for the Best Cropping Rutabagas. An oblong globular-shaped root with small neck, yellow flesh, very dark purple top and is superior to all other varieties. 95 days. Pkt., 5c; oz., 20c; ¼-lb., 45c; lb., 80c.



Large White or Sweet Russian



Rutabaga  
Danish Bangholm

Large White or Sweet Russian

—This variety is most excellent either for table or stock. It grows to a large size; flesh white, solid, firm texture, sweet and rich; keeps well. 90 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., 80c.

Stim-U-planT

An all the year fertilizer for garden and house plants. See page 125.

CARCO

Vegetable Spray

Controls the

Cabbage, Turnip,

Beet, Cauliflower,


Radish and Onion

Maggot

See Page 120

American Purple Top

—This strain is of American origin and is a purple top yellow variety. Excellent for table use and also for stock feeding. A most desirable variety. 95 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., 80c.



Rutabaga—American Purple Top

RAPID SERVICE

During the Spring months we receive hundreds of orders every day and usually every order is shipped the same day as received. The demand for State Nursery & Seed Co's. Peerless Seeds continues to increase every year. Our sales exceeded all previous years and now we offer the highest quality seeds obtainable at

LOWER PRICES

because of the increasing volume of State Nursery & Seed Co's. Peerless Seeds, and economy in handling.

Rutabagas are highly nutritious as a table vegetable and profitable as food for stock and fowls.

SPRATT'S DOG FOODS—See Page 119

BIRD SEED—See Page 119

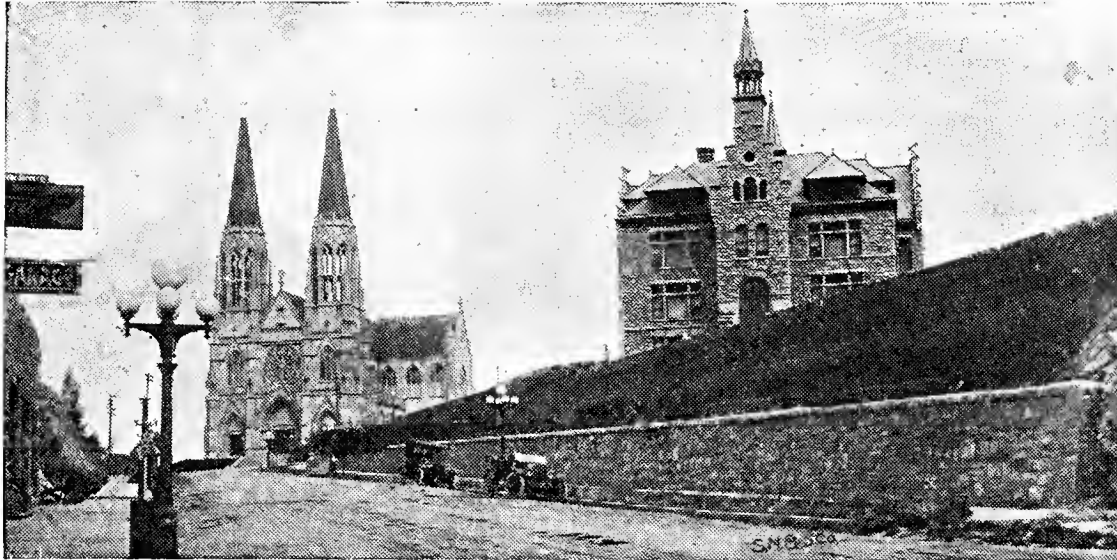
SWISS CHARD—See Page 81

OUR FRUIT TREE AND SHELTERBELT COLLECTIONS WILL SAVE YOU MONEY—SEE PAGE 42

# State Nursery and Seed Company's Rocky Mountain Lawn Grass Seed

The chief desire of almost every home owner, whether a town or rural dweller, is to possess a good lawn, and nothing adds to the appearance of a residence as much as a good lawn of thick growth and velvety appearance. A nicely kept sward, neatly trimmed, adds materially in beautifying any building or residence, and often, too, becomes one of the chief selling features.

(One quart will sow 200 square feet or 10x20; 10 lbs. for 2,000 square feet, or 40x50; 60 to 100 lbs. per acre or 43,560 sq. feet.)



A large terrace on the high school grounds at Helena planted with our famous Rocky Mountain Lawn Grass Mixture and showing the wonderful lawn obtained on this difficult situation. The beautiful Cathedral of St. Helena in the background.

Our Rocky Mountain Lawn Mixture is the very best that can be procured under any brand, at any price. Price for price, we are willing to place ours against any other mixture on the market, both for purity and germination.

All the seed contained in our Rocky Mountain Lawn Grass has been cleaned and recleaned by the most up-to-date and efficient machinery, and we have complete records as to their purity and germination.

## ROCKY MOUNTAIN LAWN GRASS MIXTURE WITH DUTCH CLOVER

As there are many people who like white clover in a lawn, we put up this special mixture, which has gained us many friends and is increasing in popularity.

Postpaid—Pint, 35c; quart, 55c; 5 lbs., \$3.25; 10 lbs., \$6.25; 25 lbs., \$14.50.

F. O. B. Helena—Pint, 30c; quart, 50c; 5 lbs., \$3.00; 10 lbs., \$5.75; 25 lbs., \$14.00.

## ROCKY MOUNTAIN LAWN GRASS MIXTURE

Same as the above Rocky Mountain Mixture but without White Dutch Clover.

Postpaid—Pint, 35c; quart, 55c; 5 lbs., \$3.00; 10 lbs., \$5.75; 25 lbs., \$13.50.

F. O. B. Helena—Pint, 30c; quart, 50c; 5 lbs., \$2.75; 10 lbs., \$5.25; 25 lbs., \$12.75.

## SHADY PLACE LAWN GRASS MIXTURE

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. The grasses used in making this mixture are those that are well adapted for growing in shade.

Postpaid—Pint, 40c; quart, 60c; 5 lbs., \$3.50; 10 lbs., \$6.50; 25 lbs., \$14.00.

F. O. B. Helena—Pint, 35c; quart, 55c; 5 lbs., \$3.25; 10 lbs., \$6.00.

## WHITE DUTCH CLOVER—"Peerless"

This is frequently sown to cut green for chicks and fowls; also used largely in making lawns for which this variety is especially adapted.

Postpaid— $\frac{1}{2}$ -lb., 35c; 1 lb., 60c; 5 lbs., \$2.85; 10 lbs., \$5.60; 25 lbs., \$13.25.

F. O. B. Helena—By express or freight at purchaser's expense— $\frac{1}{2}$ -lb., 30c; 1 lb., 55c; 5 lbs., \$2.60; 10 lbs., \$5.00; 25 lbs., \$12.75.

## CREEPING BENT GRASS—(West Coast Registered Seed)

Is particularly valuable for lawns that are to be used for croquet grounds or tennis courts on account of its compact creeping rooting stems; of rapid growth and spreading habit, forming a strong, durable turf, because it is benefited more than hurt by tramping and by its bright color adds to the beauty of the lawn. 1 lb., postpaid, \$1.70; 5 lbs., postpaid, \$7.65.

The essentials for a fine lawn are: First, a rich, well drained soil; second, careful preparation of the ground, making it as fine and smooth and mellow as possible; third, a wise selection of seeds; fourth, sowing at such a time as to give the young plants a chance to become well established before being subjected to very dry or cold weather or to the direct rays of the hot summer sun. However much care is bestowed on the soil and seed, no lawn will be beautiful without frequent mowing and rolling. Too much care cannot be bestowed upon the selection of grasses, as some varieties are the most luxuriant in spring, others in summer, others again in autumn and a combination of the proper sorts is required for a perfect carpet-like lawn. If sown in the spring, sow as early as possible, making the surface very fine and smooth, then raking it over and sowing the seed just before a rain which, if the surface has just been raked, will cover the seed sufficiently. For fall seeding sow before the autumn rains and early enough to enable the young grass to become well established before very cold weather, when a light dressing of manure should be given. The application of a good commercial fertilizer, such as Vigoro, in the early summer is very beneficial. If you are planning a large new lawn, write us. Our experts are at your command. Bear in mind that a beautiful lawn with trees and shrubs well arranged is the thing which gives great pleasure to the owner and all mankind who see them.

**Kentucky Blue Grass—Super Grade**—Once in about 5 years there is an extra fine quality of Blue Grass produced. This makes it possible to secure seed weighing 26 lbs. per measured bushel, fine plump bright seed. Ordinary seasons 21 to 23 lbs. seed is good weight. Buy Super Seed for your lawn this season.

Postpaid—Per lb., 60c; 5 lbs., \$2.70; 10 lbs., \$5.00; 25 lbs., \$11.75.

F. O. B. Helena—1 lb., 55c; 5 lbs., \$2.50; 10 lbs., \$4.60; 25 lbs., \$11.00.

## KENTUCKY BLUE GRASS—"Peerless" Grade

We wish to call particular attention to the cleanliness of our Peerless Blue Grass; it's the cream of the market.

Postpaid—1 lb., 55c; 5 lbs., \$2.40; 10 lbs., \$4.60; 25 lbs., \$11.00.

F. O. B. Helena—1 lb., 50c; 5 lbs., \$2.20; 10 lbs., \$4.20; 25 lbs., \$10.50.

## KENTUCKY BLUE GRASS—"Placer" Grade

Used extensively for lawns, parks, street parkings and large lawns for public buildings. Also used in meadow mixtures of grasses for pasture or hay.

Postpaid—1 lb., 45c; 5 lbs., \$2.00; 10 lbs., \$3.80; 25 lbs., \$9.40.

F. O. B. Helena—1 lb., 40c; 5 lbs., \$1.85; 10 lbs., \$3.60; 25 lbs., \$9.00.

## MIXTURES FOR GOLF LINKS

While there are on the market numerous ready prepared golf mixtures of more or less value, we have found that the best results are obtained by giving individual attention to each customer and making a special mixture to suit his needs. Write us a description of your links, telling what the nature of the soil, how drained, how much it has the sun.

## PAMPHLET—ON THE PREPARATION AND CARE OF LAWNS—FREE

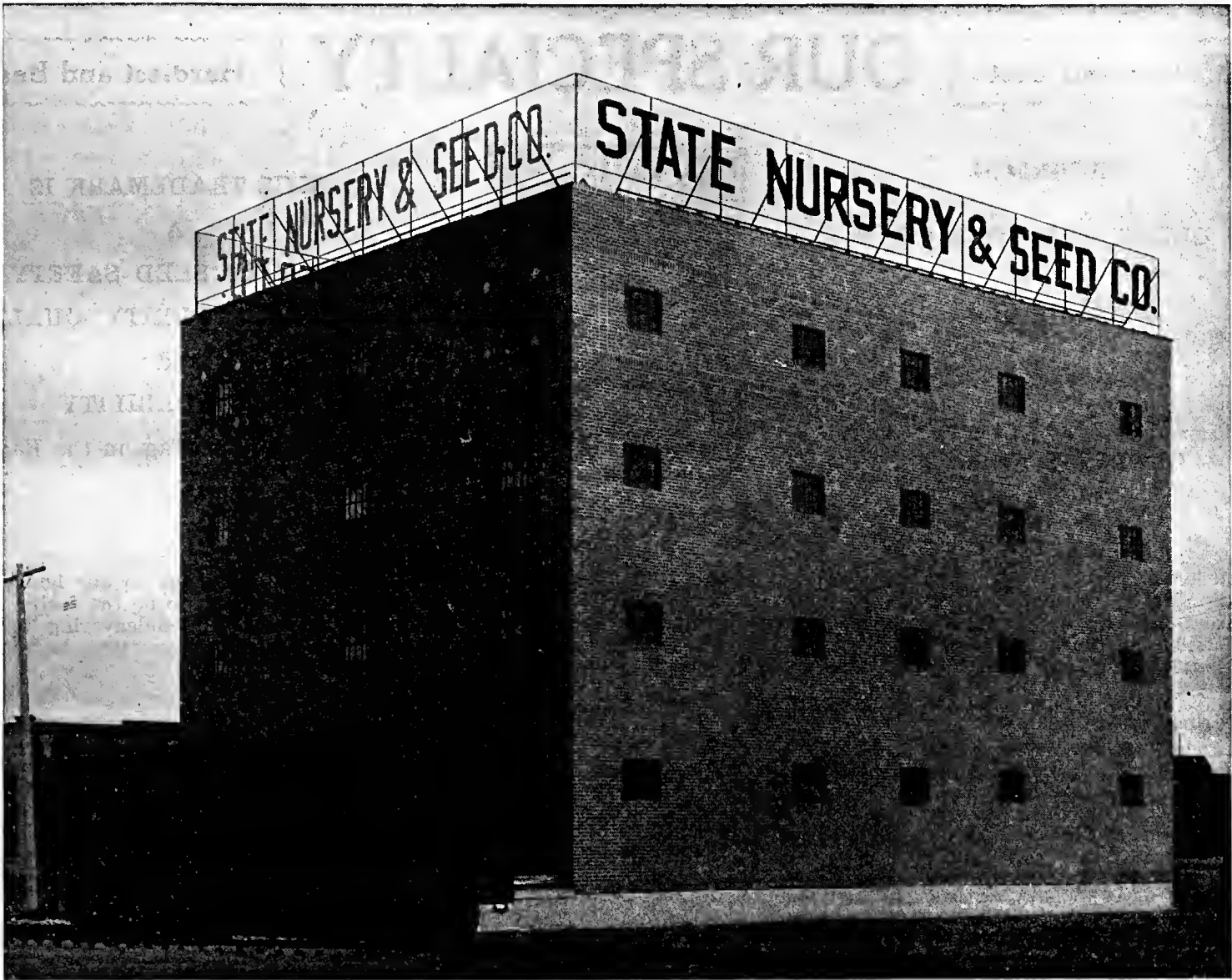
## For a Beautiful Lawn

To have a thick, velvety-green lawn, regular feeding is essential. Feeding your lawn with Vigoro in spring, summer, and fall will produce and maintain a strong, vigorous turf that will choke out weeds and prevent new ones from getting a foothold. It will produce deep, extensive roots which will withstand drought and winter-killing; help resist disease; and add humus to the soil. See page 125.

Cover Mother Earth with the Best of Rugs—A Carpet Grown from Our Rocky Mountain Lawn Grass Seed

WRITE FOR SPECIAL PRICES ON LARGER QUANTITIES

# Field Seeds Department



Our Warehouse where our Field Seeds are cleaned and where hundreds of tons of our Dairy and Poultry Feeds are manufactured

## SEEDING TABLE

(An acre contains 43,560 square feet)

	Broadcast	Drilled		Broadcast	Drilled
ALFALFA—For hay crop on irrigated land..	15 lbs.	12 lbs.	BROME GRASS—(Bromus Inermis) for hay or pasture on irrigated land.....	20 lbs.	15 lbs.
ALFALFA—For hay crop on dry land.....	10 lbs.	8 lbs.	BROME GRASS—(Bromus Inermis) for hay or pasture on dry land.....	15 lbs.	12 lbs.
ALFALFA—For seed crop on dry land or sub irrigated .....	8 lbs.	6 lbs.	BLUE GRASS—For hay or pasture on irrigated land .....	25 lbs.	20 lbs.
ALFALFA—Pedigreed GRIMM, in rows 3 ft. apart to be cultivated.....		1 lb.	ORCHARD GRASS—For hay or pasture on irrigated land .....	25 lbs.	20 lbs.
CLOVER—Medium Red, for hay crop.....	12 lbs.	10 lbs.	RYE GRASS (Perennial)—For hay or pasture on irrigated land.....	40 lbs.	30 lbs.
CLOVER—Sweet for hay crop or to be plowed under for green manure	15 lbs.	12 lbs.	MILLET—German, Hungarian, Siberian or Hog, for hay crop .....	30 lbs.	25 lbs.
TIMOTHY—For hay or seed crop.....	10 lbs.	8 lbs.	MILLET—Japanese or Billion Dollar Grass, for hay crop .....	15 lbs.	10 lbs.
TIMOTHY AND ALSIKE CLOVER—For hay or pasture .....	10 lbs.	8 lbs.	SUDAN GRASS .....	20 lbs.	10 lbs.
RED TOP—For hay crop or pasture.....	10 lbs.	8 lbs.			

## GRAIN

WHEAT—4 pecks—1 bu. or 60 lbs.	BARLEY—(Hulless)—4 pecks—1 bu. or 60 lbs.
OATS—4 to 5 pecks—1 bu. and 1 peck or 50 to 60 lbs.	RYE—45 to 50 lbs. for grain; 50 to 60 lbs. for hay.
FLAX—16 to 30 lbs.	SPELTZ—45 to 50 lbs. for grain; 50 to 60 lbs. for hay.
PEAS—Per acre 90 to 120 lbs.	SPELTZ—4 pecks dry land—50 lbs. for grain.
CORN—Per acre drilled 15 lbs.	SPELTZ—5 pecks irrigated—60 lbs. for grain.
BARLEY—2 or 6 row—5 pecks—1¼ bu. or 60 to 70 lbs.	CORN—For fodder or silo, 75 lbs.



Montana Grown

**ALFALFA SEED**

Montana Grown

IS

Hardest and Best

**OUR SPECIALTY**

Hardest and Best

PEDIGREED

GRIMM AND COSSACK

ALFALFA SEED

is the

HARDEST KNOWN



THIS TRADEMARK IS

A

"SIGN OF SEED SAFETY"

HARDINESS, PURITY, QUALITY

and

DEPENDABILITY

Look for the Tag on the Bag

**A SHORT STORY OF GRIMM ALFALFA SEED**

The original source of perhaps 95% of all the Registered Grimm in the state can be traced back to our house. We were the first to introduce and distribute this seed in quantity and without ego we can justly claim to be the foster father of a great industry within the state. Records and history substantiate this claim and we are still endeavoring to serve and distribute to our customers a first class quality of pedigreed stock in any quantity and at any time desired. To register fields for seed production in Montana the seed must be Montana grown.

**PEDIGREED GRIMM**

True Grimm Alfalfa has in every respect proved itself a most wonderful variety and its reputation has been so well established that the registered and sealed seed always commands a top price. Our stock is the best that can be produced; fully registered; inspected; tested and sealed under regulation of Montana Seed Growers' Association.



Photo showing third cutting of Alfalfa in the Helena Valley in the extremely dry summer of 1931. This fine hay crop was raised from our Peerless Seeds.

**PEDIGREED COSSACK**

Introduced by Professor Hansen in 1906. Many farmers have found by their own experience that Cossack is the heaviest and best seeder of any Alfalfa Seed they have tested. The past dry seasons have demonstrated the value of Cossack.

Montana Grown  
**PEDIGREED COSSACK ALFALFA SEED**

Traced to original foundation stocks of Professor Hansen's importations.  
Produced by dependable growers, members M. S. G. A.  
Fields inspected for purity and trueness of type.  
Seed tested and graded.  
Bags sealed by Montana Seed Growers' Association.  
Tagged with official grade tags.  
**LOOK FOR THE SEAL AND TAG ON EVERY BAG**

Montana Grown  
**PEDIGREED GRIMM ALFALFA SEED**

Traced to original foundation stocks of Carver County, Minnesota, fields.  
Produced by dependable growers, members M. S. G. A.  
Fields inspected for purity and trueness of type.  
Seed tested and graded.  
Bags sealed by Montana Seed Growers' Association.  
Tagged with official grade tags.  
**LOOK FOR THE SEAL AND TAG ON EVERY BAG**

Montana Grown  
**PEDIGREED COSSACK ALFALFA SEED**  
Classified and Sold in Three Grades

**Blue Tag "Fancy"**—Sound, plump seed, purity at least 99.25, no sweet clover or dodder.  
**White Tag "Choice"**—Sound seed, purity at least 98.50, no sweet clover or dodder.  
**Yellow Tag**—Certified as to variety only. No dodder. May have sweet clover in amount shown on tag. Purity as indicated on tag.

Montana Grown  
**PEDIGREED GRIMM ALFALFA SEED**  
Classified and Sold in Three Grades

**Blue Tag "Fancy"**—Sound, plump seed, purity at least 99.25, no sweet clover or dodder.  
**White Tag "Choice"**—Sound seed, purity at least 98.50, no sweet clover or dodder.  
**Yellow Tag**—Certified as to variety only. No dodder. May have sweet clover in amount shown on tag. Purity as indicated on tag.

**UNREGISTERED GRIMM OR COSSACK**

We have to offer a quantity of each of the unregistered Grimm and unregistered Cossack. This seed was from originally registered seed on unregistered fields; unregistered because registration was not applied for.

While this quantity lasts it will afford the hay producer an opportunity to plant Grimm or Cossack at a seed cost considerably under the registered seed price.

Write for samples and quotations, stating the quantity you desire.

FOR PRICES—SEE PINK INSERT

# Montana Hardy "Selected" Alfalfa

## OUR SPECIALTY

### SOME FACTS WORTHY OF YOUR ATTENTION

Montana Alfalfa Seed is now recognized everywhere as being the hardiest of all alfalfa and therefore the most consistent high yielder in hay tonnage.

Results of an eight-year test at the Michigan Agricultural Experiment Station show that Montana seed leads in hay production in competition with seed from the country's leading Alfalfa producing states.

Every prospective purchaser of Alfalfa Seed should bear in mind that Montana Alfalfa Seed is now in demand in every state and country where poor yields and winter killing are important factors.

Can you afford to plant other seed when the Montana seed is available?

When it is available we have it and are pleased to submit our closest quotations on any quantity or grade desired.

### THE "PEERLESS BRAND" ON SEEDS MEANS—QUALITY

We consistently prepare our seeds to represent the best that the crop affords. Bags are all tagged and comply with the requirements of your State Pure Seed Laws. Uniform throughout the season.



#### EXTRA NO. 1 or PEERLESS GRADE

#### HARDY MONTANA ALFALFA

Is heavy, uniformly plump and bright as is characteristic of healthy seed carrying a strong germ and high productive qualities. Peerless grade is always at least 99% pure and usually above 99.50%.

#### PLACER GRADE HARDY MONTANA ALFALFA

Placer is our No. 1 grade. Not as uniform in color or quite as high in purity, although this is consistently around 99% pure and carries practically no weeds, noxious or otherwise.

Equal to most Alfalfa seed offered under fancy grade.

#### QUARTZ GRADE HARDY MONTANA ALFALFA

Quartz is our No. 2 grade, therefore more variable in color and purity than either of the other two grades. However, for those who want hardy Montana seed at a low price, this seed very often fills the bill. The demand and repeat orders on this grade are convincing evidence that it has a place in our list.

The purity and germination on this grade often runs as high or higher than that of our Placer grade and even though from a producing standpoint this seed is perfectly good, it has to be separated into a lower grade at a lower price principally because of color alone.

#### AFFIDAVIT ALFALFA or "UNREGISTERED"

We have to offer a quantity of each of the unregistered Grimm and unregistered Cossack. This seed was from originally registered seed on unregistered fields; unregistered because registration was not applied for.

While this quantity lasts it will afford the hay producer an opportunity to plant Grimm or Cossack at a seed cost considerably under the registered seed price.

FOR PRICES—SEE PINK INSERT

INOCULATE THIS  
SEED WITH  
STIMUGERM

# CLOVERS

INOCULATE THIS  
SEED WITH  
STIMUGERM



Red Clover

production. Adaptability plays an important part in production. Selection of northern grown, preferably Montana grown, seed for hardiness is the best insurance.

**Soil Requirements**—Red Clover can be grown on many kinds of soil, the most suitable being clay loams with a certain amount of lime and plenty of organic matter. Sandy loams give good returns especially on limestone foundation. Red Clover, however, generally prefers the heavier soils.

**Uses**—Red Clover has high feeding value and has excellent fertilizing value, adding nitrogen to the soil. It makes excellent hay and for this purpose should be cut before the heads begin to turn brown. It is exceptionally fine for pasture purposes, but carries the same danger of bloat as does Alfalfa.

## CLOVER—Mammoth Red

**Botanical Description**—Mammoth is a large variety of the Red and for the most part is a perennial. Stems are long, coarse and more spreading. Mammoth Red is later than Medium Red, blooming about 10 days after. It grows more slowly than Medium Red and can generally be cut only once in a season.

**Cultural Conditions**—It requires the same soil and climatic conditions as Medium Red, but because of its stronger root system and perennial tendency, it is more apt to thrive under adverse conditions.

**Soil Conditions**—See Medium Red.

**Uses**—Same as Medium Red. Makes coarser hay but its greater luxuriance makes it a better soil improver.

## ALSIKE CLOVER

**Botanical Description**—Alsike Clover is a perennial with erect generally ascending stems which do not root at the base as do those of White Clover. They reach a height of one or two feet and branch in their upper parts. The whole plant is hairless and for this reason brighter in color than Red Clover. Alsike flowers are rose colored when fully developed and white when young. This explains why a blossoming head is generally rose colored in its lower part and white toward the top. Alsike obtained its name from a small parish in Sweden called Alsike.

**Cultural and Soil Conditions**—Alsike prefers localities with plenty of moisture in soil and air. The most suitable soil is moist clay loam or clay with good lime content. It can be grown to advantage where soil is too wet for Red Clover, and with poor drainage, where Red Clover is a failure, Alsike will flourish. It has a rather shallow root system.

**Uses**—When grown for hay it is usually best mixed with Timothy or Red Top, thus producing finer quality. A good and very popular mixture for Montana is about 80 per cent Timothy and 20 per cent Alsike. Alsike is best cut for hay when in full bloom or a trifle later.

It produces usually one crop of hay a season but the tonnage is very heavy.

It is much esteemed for pasture because of its high feeding value. When sown alone, use about eight pounds to an acre.

## WHITE SWEET CLOVER

**Botanical Description**—White Sweet Clover is a biennial with strong taproot and numerous leafy stems. The latter, which are generally much branched, reach a height of from two to five feet. Young plants resemble Alfalfa, but are recognized by the peculiar sweet odor and by the difference in structure shown by a cross-sectional cut of the stem. Sweet Clover presents a small tube-like appearance in the stem center. The flowers are white.

**Cultural and Soil Conditions**—Grows readily in nearly any soil or climate.

**Uses**—When young it is succulent and quite palatable for hay and pasture. When old and woody it loses much of its palatability. For hay purposes in Montana it might better be considered an insurance crop than a competitor of Alfalfa. It is sure to make a good crop of hay or roughage under conditions which might cause an Alfalfa crop failure.

It is quite popular for pasture purposes both for cattle and sheep. For fertilizing value it can hardly be excelled. It furnishes economical, quick and abundant nitrogen to the soil.

## YELLOW SWEET CLOVER

Yellow Sweet Clover is not far different from White except, as the name signifies, it has a yellow flower.

Generally speaking, the plant does not grow as rank as White, has more of a spreading growth habit and somewhat finer texture, thus making it a consistent gainer in popularity over the White for pasture purposes.

We know of and can offer proof of an instance where 30 acres of Yellow blossom offered abundant pasture for 700 ewes and lambs, continuing for three months.

At the present time the seed is cheap, and an exceptionally good investment from the fertilizing standpoint alone.

## WHITE BLOSSOM "ARCTIC" or GRUNDY BIENNIAL

This is white blossom biennial Sweet Clover that grows from 3½ to 4 feet high; matures an abundance of seed that ripens three weeks ahead of common white biennial. The outstanding advantage of this Clover is that it grows to a good height for harvesting, but does not require clipping, thus getting away from the hazard of killing the Clover by clipping improperly. It ripens early ahead of weeds and is ready to thresh and hull before small grain. It is very hardy and will withstand dry summers and hard winters. The seed is usually a little higher in price than the other varieties, but well worth all you pay for it. Fine for hay.

## CLOVER—Medium Red

**Botanical Description**—Red Clover is mainly biennial. The year the seed germinates the stems and leaves produced are of finer texture and not large and there are no flowers. The second year flowers are developed and seed is formed. As with most biennials, it has the characteristic taproot.

**Cultural Conditions**—Being a resident of the temperate zone, Red Clover succeeds best where summers are not too hot nor the winters too severe. Most parts of Montana, probably with the exception of the northern and northeastern parts of the state, are pretty well adapted to Red Clover

For  
Fertilizers  
See page 125



Alsike Clover

FOR PRICES—SEE PINK INSERT



**CLOVERS—Continued****ALTASWEDE CLOVER**

Altaswede is a product of artificial and natural selection from the late Swedish Red Clover which was introduced from Sweden in 1914 by the Dominion Seed Branch, Ottawa.

In the spring of 1917 steps were taken to make an exhaustive study of the merits of this Clover. Seed was collected regularly until 1920.

During 1918 extensive field experiments were undertaken in the experimental grounds. In 1919 some 500 samples of seed were distributed to many farmers in the province of Alberta to test under all soil and climatic conditions in comparison with Red Clover. This was repeated in 1920 and 1921.

From the data derived from the University of Edmonton and elsewhere in the province of Alberta, Altaswede has amply demonstrated its winter hardiness and superior merits for fodder and seed production.

**WHITE OR DUTCH CLOVER**

**White Dutch Clover**—Is a perennial. The stems are creeping and root at the joints. A single plant may thus spread over a wide area. From the stems, trailing along the ground surface, are developed upright leaves and flower heads, both provided with long stalks.

The heads of White Clover develop from the lower parts of the stem.

White Clover was first developed in Holland; therefore the name Dutch Clover.

**Cultural and Soil Conditions**—White Dutch Clover grows naturally in meadows and pastures, does well in valleys and on mountains. It will grow in a great variety of soils from sand and gravel to rich loam and clay. It does best, however, on moist, well drained loams which contain lime and humus and is especially adapted to the moist medium warm climate. When other conditions are favorable, however, it will endure severe cold without injury and will stand drought providing the subsoil is somewhat moist, because while most of the roots are rather superficial, the main taproot penetrates to a considerable depth.

**Uses**—Because of its low growth it is not used to any great extent as a hay plant. Its chief value is for pasture, and in pasture and lawn grass mixtures.

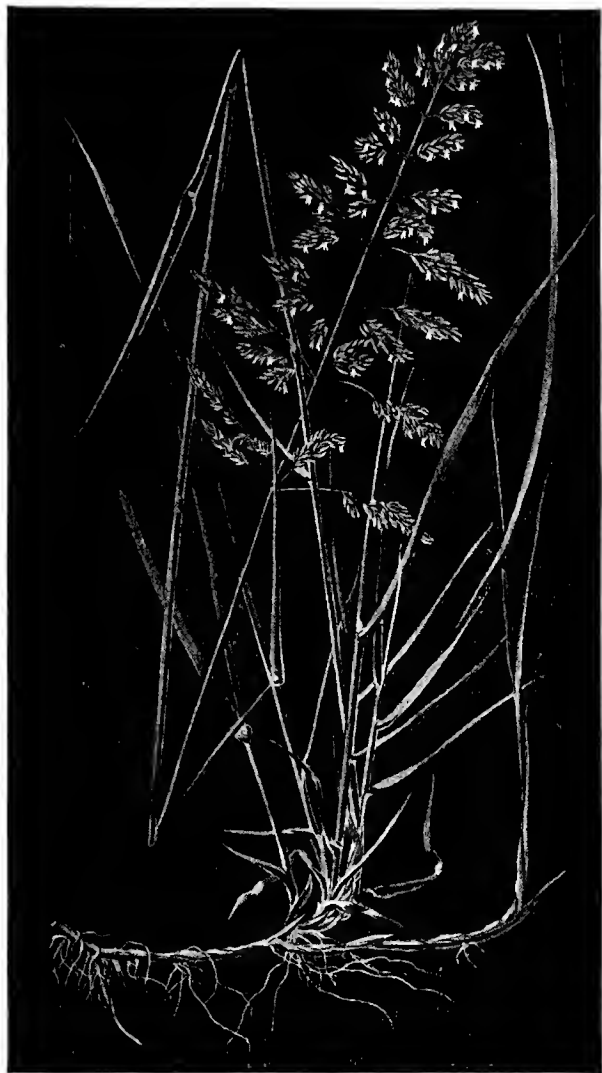
It covers the ground quickly, has high nutritive value and stands tramping and close grazing exceptionally well.

**KENTUCKY BLUE GRASS**

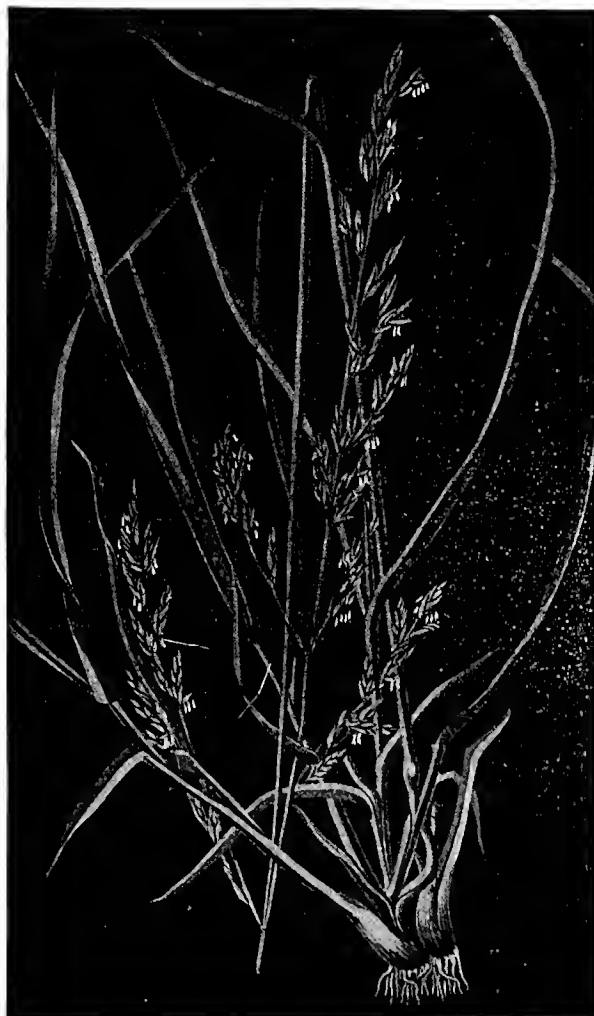
**Botanical Description**—Kentucky Blue Grass is a perennial with a widely creeping rootstock. This produces runners and leafy shoots. The runners are underground stems carrying colorless scales instead of green leaves. They creep under the ground surface and produce upright stems from their ends. The upright leafy stems arise in bunches from their base. The stems are from one-half to three feet high and perfectly smooth. The stem leaves are comparatively short.

**Cultural and Soil Requirements**—It grows practically everywhere that agriculture is of importance—on dry hills and in wet marshes. For proper

**You can be absolutely sure of getting Clovers suited for Montana conditions in our Medium Red, Mammoth, Alsike, Altaswede, Yellow or White Sweet. They are Home Grown.**



Kentucky Blue Grass



Meadow Fescue

development, however, it requires pretty good soil, and extremes check its growth. It does its best on bottom lands where soil is loose and rich in humus with a good lime content. It is regarded as the king of all pasture grasses.

**Uses**—If grown for hay, it should be cut when in flower. Its feeding value is best at that time. It cannot always be relied on for a second crop of hay.

As before mentioned, it is the king of pasture grasses and serves well in pasture mixtures.

It is without doubt the best of lawn grasses and especially is this true under Montana conditions.

**TALL FESCUE**

Succeeds best in moist alluvial and strong clayey soils; is very productive and lasting; valuable for permanent pasture, is relished by stock and on rich land makes fine hay. Height 3 to 4 feet.

**MEADOW FESCUE**

**Botanical Description**—Meadow Fescue is a perennial with long, strong roots. It has short rootstocks and is therefore tufted but not so much as Orchard Grass.

Stems are from 18 to 36 inches high, smooth and slender. Leaves are long, broad and slight in texture. Brome and other grasses have panicles similar to that of Meadow Fescue.

**Cultural and Soil Conditions**—It does best in a soil rich in organic matter. It is well adapted to clay soil, although not quite so well as Orchard Grass. It can also be grown successfully on sandy land if sufficient moisture is available and the soil is not too shallow. It is better fitted for medium wet soil than Orchard Grass, especially in pasture, and stands tramping better. On the other hand, its deep root system makes it fairly drought resistant. It stands the cold exceptionally well.

**Uses**—Hay from Meadow Fescue is nearly equal to that from Orchard Grass. Its nutritive value is higher and it should be cut at flowering time.

It is a most excellent pasture grass, good milk producer, does well in pasture mixtures and withstands tramping.

FOR PRICES—SEE PINK INSERT

**Red Top**

**Botanical Description**—There are several varieties of Red Top, varying in height from two to four feet. The only ones of importance to agriculture are the taller varieties. Red Top has a creeping rootstock and runners. It does not grow in tufts but forms a dense sod as a result of its joint rooting habit. The leaves vary in size and number. The flowers are arranged in panicles with numerous branches.

**Cultural and Soil Conditions**—Red Top grows naturally in most localities. However, it is best adapted to light, wet soils where its roots can develop freely. Wet bottom land not suited for other grasses is often the ideal place for growing Red Top.

**Uses**—Red Top makes good growth the same year it is sown and continues growth late in the fall. It makes a very fair quality of hay and especially has a place in grass mixtures for hay purposes.

It is very palatable and is relished by livestock in hay or pasture form.

It is a good sod developer and is used considerably for lawns. We recommend, however, that it be used preferably in a mixture with a large percentage of Kentucky Blue Grass rather than straight for lawn purposes.

**PERENNIAL OR ENGLISH RYE GRASS**

**Botanical Description**—This grass is a perennial with a creeping rootstock which develops bunches of leafy stems and shoots. The plant grows in spreading tufts. The stems are upright, more or less elbow bent ascending and are smooth and slender, growing from one to two feet high. The leaves are dark green and folded together when in the bud. The flowers are arranged in a spike-like inflorescence composed of flattened spikelets in two rows. They turn their narrow side toward the main stem, differing from Western Rye, which turns its broad side toward the stem.

**Cultural and Soil Conditions**—It prefers moist, rich clay loams. It can be successfully grown on marshy land or any good well drained soil. Although it is quite drought resistant, it is not recommended for districts where the summers are too hot and dry. It reaches its best yield at the second year but continues to give good yields for several years.

**Uses**—It is one of the oldest forage plants. It is very useful for hay and pasture purposes and sometimes is used in lawn mixtures. Its greatest nutritive value is immediately before flowering.

For pasture it stands rough treatment very well. Tramping seems to stimulate it.

If planted alone, 30 pounds of good seed to an acre are enough.



Perennial Rye Grass



Brome

**BAYER-SEMESAN CO'S. SEED DISINFECTANTS**

These Seed Disinfectants are the most efficient antiseptics for the control of seed, plant and soil diseases or fungus growths that science has yet developed and provide a safe and effective treatment for practically all common agricultural needs.

**Ceresan for Cereals—Semesan Bel for Potatoes—Semesan Jr. for Seed Corn—Semesan for Vegetable Seed—Semesan for Flower Seed—Semesan for Brown Patch.**

**BROME GRASS (Bromus Inermis)**

Brome is a (top) grass. Persistent. Withstands drought that kills all other grasses, is not sensitive to cold and dry weather and in regard to this is unexcelled. It does best on rich, fresh, humus-holding soils, loamy sand and sandy loam.

**Habits of Growth**—Produces a close sod, a single cutting the year of sowing; two cuttings the second year. It becomes useful the second year and lasts twelve to fifteen years; second cutting almost equals first.

**Seed and Seeding**—Good seed should test 88 per cent to 90 per cent purity and the same for germination. To sow an acre requires from 15 to 25 lbs.

**Uses**—Develops a good sod, makes excellent pasture grass and fair hay. For hay it should be cut just before flowering for nutritive value.

**TALL MEADOW OAT GRASS**

This grass is particularly adapted to warm, dry climates, where Timothy will not grow. It is quite productive, stands pasturing well and remains green until quite late. It forms a very valuable mixture with Orchard Grass and Red Clover. It may be sown in the spring at the rate of two to two and a half bushels per acre, or where sown with Orchard Grass and Red Clover blended, proportionately.

**SLENDER WHEAT OR WESTERN RYE GRASS**

**Botanical Description**—Western Rye Grass is a perennial with a short rootstock, not creeping. The stems and shoots are rather crowded and the plant grows in dense tufts. Stems and shoots are upright, the stems being from two to four feet high. The foliage is somewhat variable. The spikelets are always strongly appressed to the main stem, making the whole inflorescence narrow and slender—hence the name slender wheat grass.

**Cultural and Soil Conditions**—It grows naturally in dry soil and thrives best where water supply is limited. It does fairly well even on alkali ground, and the root being deep and strong, it is drought resistant and resistant to extreme cold. It is easy to grow, establishes itself the first year and gives its heaviest crop the third year.

**Uses**—It is one of the most valuable of western native hay grasses. Most types produce nutritious, succulent hay. Western Rye Grass does have a mixture of types. It should be cut previously to flowering time for the best hay. Sow 15 pounds to the acre.

FOR PRICES—SEE PINK INSERT

**ORCHARD GRASS**

Orchard Grass is a top grass with thick, bushy, little spreading tufts. Reaches full development in the second or third year and lasts a number of years. It has quick and plentiful second growth and can be cut several times, the first cut before the bloom. When heavily seeded with other grasses gives good pasture and sends its roots deep into the soil. Grows quickly in the spring and is especially adapted for alternate system of farming.

**Cultural Conditions**—Likes humus loams and clay, does not do well on light sands. Because of its penetrating root system it withstands drought and is comparatively productive in the shade where many other grasses fail to produce. Seeding requires from 18 to 24 lbs. per acre.

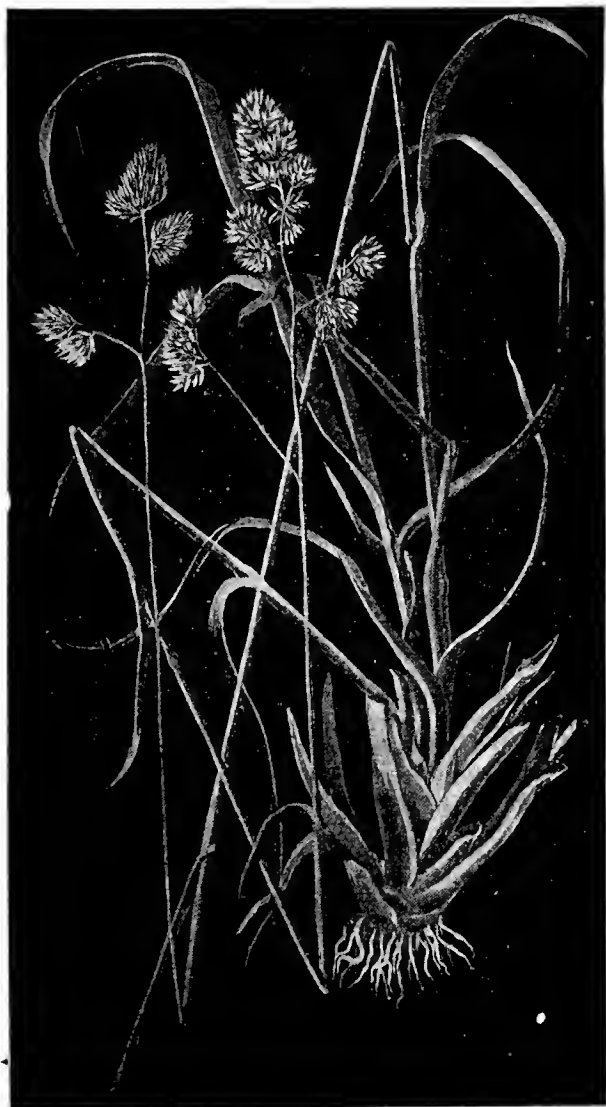
**DUST OR LIQUID**—Treatments with Bayer-Semesan Co's. Seed Disinfectants—Disease-free crops of grain, etc. Ask for booklets on the various kinds. They are free.

**CRESTED WHEAT GRASS**

From its characters and adaptations it is the most promising grass now available for pasture in the dry sections of our state and when cut at the proper stage the hay is of excellent quality. Like other crops, best yields are usually obtained on the fertile black soils, although it does well on sandy areas in the Northwest. We anticipate the seed will be much lower in price in a few years, as it is a heavy seed producer. Try it out on your soil in a limited way, seeding 10 to 15 lbs. per acre, seeded in rows 6 inches apart with grain drill.

**ALSIKE CLOVER AND TIMOTHY MIXED**

Where Alsike and Timothy are grown, together, and the seed is saved therefrom, it is impossible in cleaning to make a complete separation of the two. For this reason we can sell it for less money than would be the case if a perfect separation could be made. Those desiring to sow Alsike and Timothy together can save considerable money by buying the seed of these two varieties together as originally harvested. This makes a splendid mixture for hay or pasture, with just enough Alsike Clover to make splendid hay for horses or dairy cows, carrying about 20 per cent of Clover.



Orchard Grass



Timothy

For Seed  
Inoculation  
See page 126

**SUDAN GRASS**

(Sow 10 lbs. per acre)

**The Greatest of All Forage, Grain and Hay Crops for Silo**

Sudan may be planted in cultivated rows, or close drills, or sown broadcast, but we recommend the last-named, using 25 to 30 lbs. of seed to the acre.

It is an annual and requires replanting each year; has no root stalks (as Johnson Grass) and dies with the first frosts in the fall; is closely related to the Sorghums (Milo Maize, Kaffir Corn, etc.), but yields far more abundantly than any of these and the hay has more fattening properties. The Government, in fact, estimates that its feeding value is only 3 per cent less than Alfalfa, and much greater than Timothy or any of the common hays, while stock of all kinds eat it in preference to even Alfalfa. **THERE IS NO OTHER FORAGE CROP KNOWN THAT WILL RESIST DROUGHT LIKE SUDAN** and it is therefore particularly adapted to semi-arid regions, yet it yields immense crops under irrigation and in rainy climates. In brief, Sudan solves the hay and pasturage problem for a very large section of the United States.

**REED CANARY GRASS**

Is one perennial grass that will thrive in marshy places, stand under water for weeks without injury, yield enormous tonnage of hay with a feed value equal to wheat bran. Until seed is more plentiful we suggest to seed alone after the land has been worked and weeds killed off, using four to six pounds per acre, any time before June 20th. Make your low land grow profitable crops.

**TIMOTHY**

Timothy is a top grass, persistent. Especially adapted to mountainous regions and does best on humus, loams and clays, also on well drained swamp lands; does not do well on soil poor in lime or sour soil. It is a rough hay, nutritious and tender when young, liked by all stock.

**Cultural Conditions**—Quite hardy, not sensitive to climate, roots penetrate deep, making it withstand drought fairly well. It is especially useful for hay and pasture purposes and should be seeded from 8 to 12 lbs. per acre.

FOR PRICES—SEE PINK INSERT



## Permanent Pasture and Meadow Mixtures

In proper proportions of adaptable grasses and clovers are becoming more and more important all over Montana and the Northwest.

They may be a selection of individually selected mixtures or they may be recommended mixtures (as suggested below) which have been consistently used and proven the best for many conditions.

In either case we can furnish the mixtures or the varieties for home mixing by the purchaser or if he has any special soil or climatic condition to combat we will, upon receiving proper information from him, offer advice and suggestions.

### THE HUNTLEY MIXTURE

Recommended by the Federal Experiment Station at Huntley, Montana.

20% Brome Grass	20% Meadow Fescue
20% Kentucky Blue Grass	10% Alsike Clover
20% Orchard Grass	10% White Dutch Clover

This can be seeded at the rate of 16 to 24 lbs. per acre, according to individual conditions. For the most part the heavy seeding is the more practical.

### PEERLESS PASTURE MIXTURE

A mixture which has proven very good.

4 lbs. Brome Grass	3 lbs. Perennial Rye Grass
4 lbs. Orchard Grass	3 lbs. Medium Red Clover
3 lbs. Timothy	2 lbs. Alsike Clover
3 lbs. Kentucky Blue Grass	2 lbs. Tall Meadow Oat Grass

(Seed at the rate of 24 lbs. per acre)

### FIELD PEAS

(60 to 75 lbs. per acre in drills; 75 to 120 lbs. broadcast)

Peas are second only to Clover in their soil-enriching properties and can be grown under any conditions of soil or climate. There is always a ready market for Peas, or they can be profitably ground and fed to stock. The vines make rich, nutritious hay. If fed to milch cows, when in a green state, pods, vines and all, the flow of milk will be almost doubled. Peas are a paying crop and can be profitably planted in many ways.

They can be grown alone for fodder purposes and green manure but for a dairy feed it is far more profitable to mix them with oats, rye or barley. The best time to cut for hay is just when the grain is heading out. This hay is of the highest quality and extremely nutritious. Cattle, horses and sheep thrive on it and it will surprise you how much of it will be produced on a small acreage.

**White Marrowfat**—These large handsome Peas are equally as profitable to grow as a field crop and on account of their size are saleable at all times at the top of the market, as well as providing the table with extra good Peas during summer. Very heavy yielder, producing from 30 to 40 bushels per acre; these Peas being softer than the Canada Pea, are preferred by hogs or stock.

**Mixed Peas**—Suitable for a crop for either hogging or sheeping off. An economical way to harvest this crop and a profitable one. There are usually two or more varieties in the mixture, too, near enough alike in size or shape to separate but just as good as the best stock from a feeding value standpoint.

**Canada Peas**—We recommend that oats or rye be sown with these as an aid in harvesting.

**Austrian Winter Peas**—These Peas, like winter Vetches, must be sown in the early spring in states where severe cold weather prevails or the crop will be lost. The crop is mainly used for forage either as hay or silage, although for some time a seed crop would be quite profitable. Seeding a combination crop of oats and peas, using 40 pounds of oats and 70 pounds of peas, gives a maximum yield of forage when drilled in. If the crop is saved for seed, cut when about 90% of the pods are ripe; if for fodder, cut earlier and cure rapidly. Try these out in a small way this season.



Spring Vetch

### VETCHES

Like all leguminous crops, Vetch gathers nitrogen out of the air and deposits it in the tubercles on its roots. In order to carry out this process it is necessary that the seed be inoculated or the young plants will not grow as healthy and vigorous as otherwise. Although many of our customers report they are able to grow without inoculating, it seems that one is taking chances when inoculating can be done so easily with Stimugerm.

**Winter Vetch**—Known also as Sand or Hairy Vetch. Although called Winter this variety must be sown in spring in Montana as it will not withstand our winters; its advantage is that usually it produces a heavier tonnage per acre than the Spring Vetch. This variety requires a good soil, is frequently sown with oats or barley, with which it makes excellent feed.

**Spring Vetch**—This is a very valuable forage plant and is rapidly becoming popular each year as the farmers are learning more of its great value for forage and fertilizing purposes. It succeeds well on nearly all soils and thrives surprisingly on poor light land. It improves the soil, being a nitrogen gatherer. It belongs to the pea family, but the vines are much longer and the foliage is more abundant. May be sown with about half bushel of rye or oats for support. It grows rapidly and is particularly valuable in sections where clover does not thrive.

INOCULATE THIS  
SEED WITH  
STIMUGERM

INOCULATE THIS  
SEED WITH  
STIMUGERM

FOR PRICES—SEE PINK INSERT

## MILLETS

**White Wonder**—The most striking feature of White Wonder Millet is the size of the heads. The heads will run from eight up to eighteen inches and a single head will have as many as 15,000 seeds.

**Golden or German**—In the north, Millet is sown almost altogether for hay and for that purpose southern grown seed is much the best. It grows taller than does that from northern seed, and that means more hay. It is finer than that from the northern seed, and that means better hay. Millet seed produced in the north, even from southern seed, becomes what we call Common Millet. Not only does the plant change in character, becoming coarser and much more dwarf, but the seed itself shows a change and is readily distinguished by those experienced in handling it.

**Siberian or Kursk Millet**—This variety was first introduced into the United States from Kursk, Russia, in 1898. Extensive experiments were conducted at both the South Dakota trial stations, which demonstrated the superiority of this new variety. As both a hay and seed producer it ranks very high. In dry seasons the weight and quality of the hay has been far ahead of Golden or Hungarian Millet. In favorable years the difference has not been so great but the results have always been in favor of the Kursk Millet.

**Hungarian—(Dark Seed)**—Often called Hungarian Grass. Many regard this as being better even than Golden Millet as it is about one week earlier and requires less moisture. The hay is fine and of excellent feeding value.

It is especially valuable on account of requiring such a short season to make a fine crop of most excellent hay. For this reason it is much used as a catch crop. It can be sown as late as the 4th of July with good results.

**Japanese—"Billion Dollar Grass"**—Entirely distinct from all other Millets. It grows from 6 to 9 feet high, stands up remarkably and yields enormous crops. When cured it makes good hay and in quality is superior to corn fodder. It is relished by all kinds of stock. Sow 10 lbs. in drills; 15 lbs. broadcast, to the acre.

## PROSO TYPE MILLETS

**Tamboff or Turghal Proso**—We are exceedingly glad to be able to offer this very excellent variety of Proso. We believe it to be the heaviest yielder of any Proso, the earliest, and a tall growing, non-lodging variety as well. The seed is a rich, dark reddish brown in color, and of very beautiful appearance. Very valuable as poultry feed and all kinds of stock, the straw also having unusually good feeding quality.

**Early Fortune or Red Proso**—This red form of the Proso or Hog Millet type is in especial favor for mixture in poultry foods and many tons are imported every year for that purpose. One of the surest crops in the Northwest, and especially valuable as a grain crop for late planting.

**Hog or Broom Corn**—This is grown for the same purpose for which other Millets are sown, but makes inferior hay unless cut very young. It yields enormously of seed, even 60 to 70 bushels to the acre, and this seed is very advantageously used for fattening swine and other stock, and is of special value for this purpose in sections where corn cannot be safely or cheaply grown. Seed also makes very fine feed for poultry or young chicks.

## FIELD BEANS

**Great Northern Navy**—This variety seems to be especially adapted to Montana soil and climate, and is being grown in increasing quantity each season. In our opinion it leads all other varieties of Navy Beans—when the real test comes—at the table. Its flavor and tenderness as a baked bean are par-excellence. Sow 16 to 24 lbs. to the acre.

**Small White Navy**—The popular Bean a few years ago, which now seems to be coming back to its own, being of small size. Use only 10 to 12 lbs. per acre. Splendid cooker and yielder.

**Mexican Red or Chili**—A heavy yielder, hardy, drought resistant, and an excellent baking Bean. The seed is similar to the Great Northern in shape, but is red in color. Originally obtained from one of the Ft. Berthold tribes.

## LENTILS

Succeed best in dry, sandy soil. A leguminous annual, the seeds of which are valuable for pigeons and are used largely for soups. The leafy stalks make good forage.

## SOY OR SOJA BEANS

Valuable for silage, hay, for hogging off and as a soil improver. They resemble the Navy Bean in appearance but grow considerably taller. When planted with corn for silage the total yield per acre is increased and the feeding value of the silage improved. For hay they are valuable as an emergency leguminous crop where clover has been winter killed; equal to clover in feeding value and one of the best annual clover substitutes. Like clover they gather nitrogen from the air.

For hay, plant 60 to 90 lbs. per acre in rows 20 to 36 inches apart. Harvest when pods are well filled and leaves commence. For hogging off, plant 30 to 60 lbs. per acre in rows 20 to 42 inches apart. 20-inch rows can be made by straddling every other row with the corn planter. As soon as the Beans are mature turn in the hogs to harvest the crop.

## Varieties

**Wisconsin or Early Black Soy Beans**—Be sure to get the genuine extra early variety. They grow from 18-30 inches high and mature in 65 to 70 days. They are one of the best yielders of Beans and best suited for hogging down.

**The Manchu**—Is a good yielder and hence is popular with the farmers. The yield runs around 20 bushels to the acre and the oil content is from 18 to 24 per cent. In habit of growth the Manchu is low branching.

## SORGHUM OR SUGAR CANE

**Sorghum—Minnesota Amber Cane**—This is the type best suited for syrup.

The early Amber is the most common variety of Cane grown. There are two ways of planting it; one is by broadcasting, sowing from one to two bushels per acre, the other is to drill with a corn planter and cultivate the same as you would corn. It can be grown on any soil or in any climate from Maine to California. It will thrive on the richest land you have, or on the poorest, and it is one of the greatest destroyers of obnoxious weeds in existence. It can be sown any time in May or June and be harvested any time between the time it is a foot high and the first freezing weather. Cane is without doubt one of the greatest producers of high quality forage which has ever been discovered. The West has learned to appreciate the wonderful qualities of this great forage crop.

**Southern Amber Cane for Forage and Pasture**—The Cane plant produces from three to eight tons per acre of cured forage and it will withstand drought and other unfavorable conditions that would mean death to any other crop.

## FETERITA

(3 to 4 lbs. per acre in drills)

**Feterita**—A wonderful grain which has attracted considerable attention in Kansas, Missouri and Oklahoma. It belongs to the Sorghum family.

## KAFFIR CORN

**Kaffir Corn—White Seeded**—An excellent fodder plant, yielding two crops of fodder during the season. It grows 4 to 5 feet high, making a straight upright growth. The stem or stalk bears enormous wide leaves. The stalks are brittle and juicy, not hardening like other varieties of Sorghum. It makes excellent fodder, either green or dry, which is highly relished by cattle and all kinds of stock. The seed crop is also heavy. Sometimes 50 to 60 bushels to the acre. For grain, sow in rows 3 feet apart, 3 to 5 lbs. to the acre. For fodder sow 40 to 50 lbs. either broadcast or in drills.



Kaffir Corn

## BUCKWHEAT

(35 to 40 lbs. to the acre)

Buckwheat, because of its rapid growth, is used in many places as a weed preventive and while more commonly grown for milling purposes it finds quite a common use in the northwest as an added variety to grain mixtures for poultry feeding.

## DIVERSIFY

Montana needs a cash crop which will not require special machinery or equipment—one which can be grown without a large investment in labor—one which will fit into a general cropping system of rotation.

Flax should be one of Montana's permanent crops—a stable minor crop. It has been grown in Montana successfully for many years. The importance of diversity in agriculture is well recognized. Flax is an ideal crop for new breaking. FLAX FILLS THESE REQUIREMENTS.

**FLAX**

**Reserve**—This Flax has proven itself to be the best yielder of any strait variety at the Bozeman Experiment Station, giving an average yield over three years of 27.8 bushels per acre on irrigated land against the eight trials. Good results and yields are produced on irrigated land when sown with Spring Wheat or if sown alone on non-irrigated land following Sweet Clover, or a cultivated crop such as Corn, Beets, Potatoes.

**Russian**—The standard variety used in the Northwest. It requires machinery to clean seed from any grain and this is especially true of Flax. Cleaning Flax so as to make it right for seed is a somewhat expensive operation and involves a very considerable waste. But write for sample, use the magnifying glass and compare it with Flax from the farm or elevator and judge for yourself if our seed is worth all it costs. Treat your Flax with Semesan before seeding and use clean, plump, healthy seed.

Flax seed prospects are good. No danger of domestic production of Flax catching up with consumption. In 1928 the United States produced 19,321,000 bushels; but over 40,000,000 bushels were crushed for feed, etc., during the same year and the demand for linseed oil and meal (made from Flax) is increasing annually.

**SUNFLOWER**

(10 lbs. to the acre)

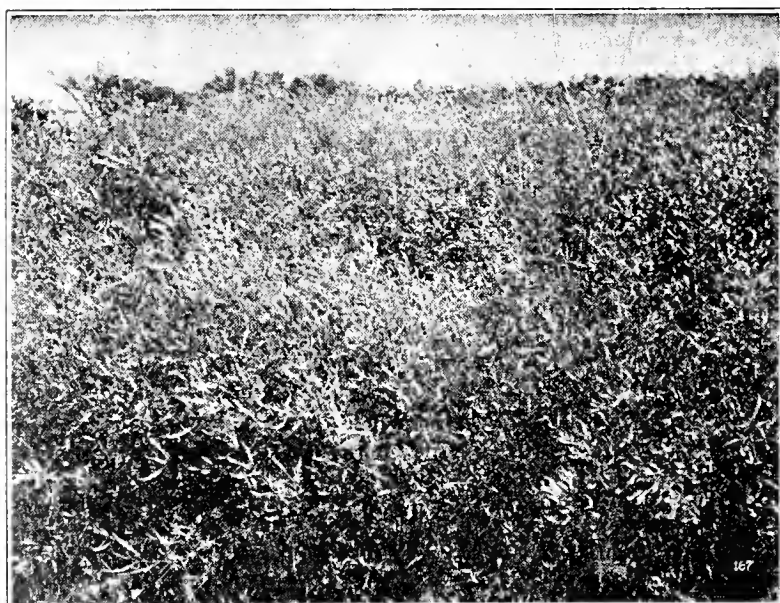
Sunflower is often used as a fodder crop but more particularly for silage. For those who feed ensilage or have silos, Sunflower is perhaps the most practical crop to grow where quick growth, early maturity, and large tonnage are factors.

Sunflower ensilage is practically equal to corn ensilage in food value, and the tonnage per acre is invariably much greater. Sow Sunflower seed at the rate of about 10 lbs. per acre, and in rows to permit frequent cultivation until plants are nearly 2 feet high. Mammoth Russian is the variety most in demand for feeding purposes.

**RAPE**

(Sow 2 to 3 lbs. to the acre in drill; 5 lbs. broadcast)

**Use of Dwarf Essex Rape**—Dwarf Essex Rape thrives best on a good soil, rich in vegetable matter. Slough lands are excellent. This plant may be grown successfully in the following ways, viz.: 1. In the early spring to provide pasture. 2. In June or July, on well prepared land to provide pasture. 3. Along with grain, using 2 lbs. of seed an acre, to provide pasture for sheep after harvest. 4. Along with peas, oats, clover seed, to provide pasture and to get a catch of clover. 5. As a cover in the orchard for winter protection to avoid root-killing. 6. In corn, sowing the seed with the last cultivation; the succulent feed produced may save the loss of cattle by cornstalk disease. Prevention is better than medicine in regard to this fatal disease. 7. Along with rye, sown in August, in sheep pasture. 8. On early plowed fields to shade the land and so that the soil will not bleach, wash or drift. 9. To plow under as a green crop, adding humus to the soil, an element needed in grain-growing sections. When rape is sown broadcast 5 lbs. of seed an acre will suffice. When sown in rows, say thirty inches apart and cultivated, from 2 to 3 lbs. per acre will be enough.

**SWEET CLOVER—King of Fertilizers**

Sweet Clover

**Quickest, Most Economical, Most Convenient and Efficient of All Fertilizers**

Sweet Clover, like Alfalfa, has the power to take nitrogen from the air and transfer it to the soil and do it quickly and cheaply. This fact is beginning to make an impression on the farmers of the Northwest where large farms and comparatively small supply of fertilizers are available. It is especially valuable to the large wheat farmer of Montana, Dakota, Washington and Oregon.

In these sections where land has been continuously cropped to wheat for a number of years it is becoming almost imperative to use some form of fertilizer and the only practical one at this time is Sweet Clover.

Sweet Clover can be planted early in the spring and allowed to make about a six-inch growth then be plowed under as a green manure crop and the land prepared for winter wheat seeding with tremendously valuable results.

Inoculate the seed for sturdy, vigorous growth.

The biennial white or yellow Sweet Clovers go to seed the second year. Therefore if land can be cropped to this Clover for two years at least, two hay crops can be cut or pasture supplied during that time. Cut it for hay any time before it becomes tough or rank and then plow the stubble. You will have new land in productive value.

**To Whom It May Concern:**

Land that was continuously cropped to grain for 22 years and played out, I planted to Sweet Clover for two years and followed by Spring Wheat on spring plowing, and with drought conditions made 17 bushels per acre. Then I summer-fallowed and planted the land to winter wheat. Had a hail storm, and got 19% hail damage and in addition this land yielded me 49 bushels per acre net in the elevator.

C. M. BROOKS,  
Brooks, Montana.

**FOR PRICES—SEE PINK INSERT**





Field of Registered Wheat

The varieties listed and described below are offered primarily for their following merits: Increased yields, early maturing, trueness to type, name and variety.

Pure foundation stocks to occasionally replace your old and perhaps degenerated or mixed stocks has the same importance in your grain production as does a good registered bull to the herd in your beef production.

The cost of seed stocks cannot and should not be based on the price per hundred pounds of seed but on price per acre. The average increase in yield per acre of good pure adapted seed has proven that the purchase even at premium prices is economical. The quality of early maturity speaks for itself and under our varying frost-free periods in most sections of the state it is mighty good business to give that quality its proper emphasis when selecting your seed.

In choosing your seed read carefully the history, description, and performance of the Pedigreed Stocks listed below.

#### **"REGISTERED" HORN BARLEY**

An outstanding bearded two-rowed hulled variety which has proven to be the best yielder under dry farmed conditions in Montana. At the Judith Basin Branch Station, Horn Barley has outyielded the best six-rowed variety by about 5 bushels per acre. It is the leading variety at the Havre station. This variety is a pedigreed selection made by the Minnesota Experiment Station from stocks of Austrian origin. It is taller than other varieties of the two-rowed class.

#### **"REGISTERED" TREBI BARLEY**

A bearded six-rowed hulled variety which has proven to be the highest yielder under irrigated conditions. At Bozeman this Barley has consistently produced more feed grain per acre than any other variety or kind of crop grown. It is rapidly displacing all other Barley varieties in the irrigated sections of Montana and Idaho. It is a good performer under dry land conditions in the more favorable seasons. This Barley is a pedigreed selection made by the Minnesota station from stocks originating in Turkey.

#### **"REGISTERED" VICTORY OATS**

This variety of oats is the best for general conditions prevailing in Montana. It is outstanding in quality, having won World's Sweepstakes for seven consecutive years at the International Show. At the Bozeman Station it has outyielded the Swedish Select by 6 bushels per acre. Victory Oats were developed from a single plant of the Probstir variety by the Svalof (Sweden) Station.

#### **"REGISTERED" MARQUIS WHEAT** (Wheeler 10B Strain)

Through careful tests and observations made by the Agronomy Department of the Montana Experiment Station, the 10B strain developed by the famous Canadian Wheat Breeder, Seager Wheeler, was selected as the outstanding strain. This strain is remarkably free from bearded mixtures which are so evident in the original stocks of Marquis. It can be expected to outyield the ordinary Marquis by two to four bushels per acre under average Montana conditions.

#### **"REGISTERED" SUPREME WHEAT**

An early high yielding hard red Spring Wheat closely resembling Marquis. At Bozeman, Judith Basin and Havre Experiment Stations this variety has outyielded the best strains of Marquis by 6, 6½ and 2 bushels per acre, respectively. It is recommended for most of the higher areas of the state and is being tested out in the eastern portion of the state, where its known susceptibility to rust attack may be a practical weakness. This variety was developed by Seager Wheeler, the Canadian plant breeder, from his original but somewhat unsatisfactory Red Bobs variety. The defects were avoided in the Supreme selection.

OUR FRUIT TREE AND SHELTERBELT COLLECTIONS WILL SAVE YOU MONEY  
FOR PRICES—SEE PINK INSERT

# STANDARD SEED GRAINS

## PREPARE NOW FOR SPRING



A sheaf of Victory Oats in one of the fields grown under contract for us

The demand for good seeds is insistent. The Department of Agriculture, Washington, and State Experiment Stations, are of constant benefit to farmers. Watch them—they will advise well. They consistently advocate good seeds of known origin. Our business is to supply the best. WE DO. The accumulated endeavor of years, as represented in our business, is at your service. Thousands of customers year in and year out can testify to our high grade seeds and to our service.

## OATS

**President**—An exceptionally good, plump, straight type, heavy yielding White Oats. On general appearance (which is the important factor when offering your crop for market) this variety of Oats has consistently, for the past five years, been superior to any we have listed.

**Victory**—The smallest spikelets bear a certain resemblance in panicle construction to the Golden Rain Oat, but it is easily distinguished from the latter by its white, slightly bearded (not altogether awnless) grain. This variety is very highly recommended by the Montana Experiment Station because of its consistent high yield performance on both dry and irrigated land. It is the best dual adapted Oat, in respect to either dry or irrigated conditions, known.

**Swedish Select**—These originated in Sweden and for years have been one of the dependable standard varieties over the entire Northwest. Our stocks are selected from the best and purest obtainable, are of exceptional quality, thoroughly re-cleaned and graded.

**Montana White**—A large plump, early maturing, very good yielding, White Oats of splendid appearance and grade. A sample will convince you of their quality.

**Novelty**—"Corriente" Oats—A Big White Oat—Big "Corriente" Oats do not lodge under excess moisture conditions and can withstand drought and heat better than other types.

They grow 3 to 4 feet high and have large heads frequently containing 75 to 110 kernels, all well filled.

The large plump grains are nearly twice the size of Victory, Swedish Select or any of the standard varieties now grown.

They are a Burbank production selected and improved from stock originally brought from Peru to America.

## SPRING WHEAT

We want to especially call your attention to the fact that the Spring Wheat varieties offered below are something superior to the ordinary standard varieties commonly offered.

In our hard red milling varieties of Marquis and Supreme, we furnished, on contract, pedigreed seed in every case, to our seed growers, who were in turn, under contract, to plant on only clean summer-fallow ground that had not been planted to wheat the year previous. These fields produced good, pure, straight line varieties for our customers. While we did not go to the additional expense of registering these fields, we can assure you that for all practical purposes you are receiving seed of the same merit as though it were registered.

**Marquis**—Our Marquis seed offered is grown from the pure 10B strain which has proven itself to be the highest yielding, earliest maturing strain of Marquis for Montana Hard Spring Wheat sections. Chief characteristics are that it is beardless, good straw, fine milling qualities and highest yielding and earlier maturing than ordinary Marquis. Our seed was grown from pedigreed stock.

**Supreme**—In the Spring Wheat sections Supreme is becoming so well and favorably known that nothing new can be said about it. At the Bozeman, Judith Basin and Havre Stations it has outyielded the best strains of Marquis, and throughout the state generally is maturing from two days to eight days earlier than Marquis. It has the appearance of Marquis, very high milling qualities and very resistant to disease. Our Supreme was grown from pedigreed stock.

**Federation**—Imported in 1914 by the U. S. Department of Agriculture. In a five-year test at the Aberdeen Station, under irrigation, it outyielded all other varieties by 4.9 bushels per acre. It has a medium short strong straw, is a good stooler and beardless. It is recommended as having better quality than the Dicklow or Club varieties and weighs more per bushel. H. L. Cram, our grower, who has produced our Federation seed for several years and was formerly a producer of Club Wheat, says that it averages ten days earlier than Club Wheat, yields as heavily and requires less water. Our Federation is not white, not a hard variety, and has satisfactorily replaced the Club types.

**Soft Spring Wheat**—Strong straw and heavy yielding variety, particularly well adapted to most of the irrigated districts of the Northwest. Absolutely pure Soft Spring is practically impossible to obtain but our stock has an exceptionally low percentage of other wheat.

**Dicklow Wheat**—The heaviest yielding variety of all Soft Spring Wheats under irrigation. It is a selection by Richard Low from other Club Wheat varieties in Utah. Because of its quality and yields it attracted much attention and there was soon a large demand for Dick Low's Wheat. Our seed stock was grown in the Helena Valley and yielded nearly 70 bushels per acre.

## WINTER WHEATS

Before seeding time write us for recommendations on new adapted varieties, treatment recommendations, and prices.

## Use the Easy CERESAN Dust Treatment

**Disinfection of Seeds**—Before planting, to combat many destructive seed-borne fungi and protect against certain harmful soil-borne organisms, has become the standard practice of progressive farmers throughout the country.

The Grain Farmer, however, has in past been handicapped in his efforts to control many of the important grain diseases because the treatments available to him have been far from adequate for the purpose.

**For Wheat**—Ceresan is very effective in the control of bunt of stinking smut and is recommended for the control of seed-borne flag smut. Ceresan is a very fine, gray dust, the chemical constituents of which do not cause corrosion of metals. Therefore Ceresan should not clog the drill nor cause injury to its metal parts as is the tendency of some dust disinfectants.

**On Oats**—Excellent control of loose and covered smuts may generally be obtained by seed treatment with Ceresan. Ceresan is much easier to apply than the old liquid treatments and has no injurious effect on the seed.

**NOW—A single disinfectant, CERESAN, to treat your Wheat, Oats, Barley and other Cereals**

### 9 Important Cercal Diseases Controlled by CERESAN

- |  |                                 |
|--|---------------------------------|
| 1. Bunt or stinking smut of wheat.                             | 5. Covered smut of barley.      |
| 2. Flag smut of wheat (seed borne).                            | 6. Loose smut of oats.          |
| 3. Stripe disease of barley.                                   | 7. Covered smut of oats.        |
| 4. Loose smut of barley in certain six-rowed winter varieties. | 8. Kernel smuts of sorghum.     |
|  | 9. Seed-borne stem smut of rye. |

### Advantages of Ceresan—Harmless to Seed

A dust treatment—easy to apply. One disinfectant for most cereals. Convenient and economical. (Directions with every package.)

See Page 127 for Prices

FOR PRICES—SEE PINK INSERT

Prices of High Grade,  
Clean, Adaptable

FIELD SEEDS

Terms: Cash With Order  
F. O. B. Helena, Mont.

Arrange to Seed Liberally this Season—Lowest Prices in Years

THE PRICES QUOTED REPRESENT VALUE ON THE DATE OF ISSUE. AS THE SEASON ADVANCES, PRICES MAY FLUCTUATE SOMEWHAT. WHERE A CHANGE IN SEED VALUES TAKES PLACE, IF HIGHER, ORDERS WILL BE FILLED TO THE FULL VALUE OF REMITTANCE RECEIVED. IF LOWER, BALANCE OVER REMITTED WILL BE RETURNED. TRANSPORTATION CHARGES ARE PAID BY THE CUSTOMER. IF WANTED BY PARCEL POST, ADD POSTAGE.

(Prices Subject to Change Without Notice)

All Quotations Are F. O. B. Helena

CATALOG—PAGE 100

Lawn Grass, Kentucky Blue Grass, White Clover, Creeping Bent, Golf Links Mixture. WRITE FOR PRICES in Larger Quantities

CATALOG—PAGE 101

View of Warehouse and Seeding Table

CATALOG—PAGE 102

PEDIGREED MONTANA ALFALFA in Sealed Bags

	5lb.	10lb.	25lb.	100lb.
Grimm, Reg., Blue Tag	\$1.75	\$3.30	\$7.75	\$29.00
" " White "	1.65	3.20	7.50	28.00
Cossack, " Blue "	1.80	3.40	7.80	29.50
" " White "	1.70	3.25	7.55	28.50

	1lb.	10lbs.	100lbs.
Grimm, Affidavit	\$.35	\$2.90	\$24.00
Cossack, Affidavit	.35	2.90	24.00

CATALOG—PAGE 103

ALFALFA

	1lb.	10lbs.	100lbs.
Hardy Montana, "Peerless" Extra No. 1	\$.35	\$2.80	\$23.00
Hardy Montana, "Placer" No. 1	.30	2.50	19.50
Hardy Montana, "Quartz" No. 2	.25	2.25	17.00

CATALOG—PAGE 104

CLOVER

	1lb.	10lbs.	100lbs.
Sweet White, "Peerless"	\$.20	\$1.50	\$ 9.00
Sweet White, "Placer"	.20	1.40	8.00
Sweet White, "Quartz"	.20	1.25	7.00
Sweet Yellow, "Peerless"	.20	1.50	9.50
Sweet Yellow, "Placer"	.20	1.40	8.50
Sweet Yellow, "Quartz"			
Sweet White Arctic or Grundy Co.	.20	1.50	9.00
Medium Red, "Peerless"	.35	2.50	21.00
Medium Red, "Placer"	.30	2.40	20.00
Mammoth Red, "Peerless"	.35	2.60	22.00
Alsike, "Peerless"	.30	2.40	20.00
Alsike, "Placer"	.30	2.30	18.00

CATALOG—PAGE 105

	1lb.	10lbs.	100lbs.
Clover Altaswede (New Hardy)	\$.30	\$2.40	\$21.00
White Dutch, "Peerless"	.55	5.00	48.00
White Dutch, "Placer"	.50	4.50	43.00
KENTUCKY BLUE GRASS, "Super"	.55	4.60	32.00
KENTUCKY BLUE GRASS, (21-lb. "Peerless")	.50	4.20	26.00
KENTUCKY BLUE GRASS, (19-lb. "Placer")	.40	3.60	23.00
MEADOW FESCUE—Eng. Blue Gr.	.20	1.60	10.75
TALL FESCUE			

CATALOG—PAGE 106

	1lb.	10lbs.	100lbs.
RED TOP			
"Peerless"	\$.25	\$2.00	\$15.50
"Placer"	.25	1.90	14.50
PERENNIAL RYE GRASS	.20	1.60	11.00
BROME GRASS	.25	2.00	15.50
TALL MEADOW OAT GRASS			
SLENDER WHEAT GRASS or Western Rye Grass	.30	2.25	16.75

CATALOG—PAGE 107

TIMOTHY

	1lb.	10lbs.	100lbs.
"Peerless"	\$.15	\$1.20	\$ 9.50
"Placer"	.15	1.10	8.50
Timothy and Alsike 20% Mixed	.20	1.50	11.50
ORCHARD GRASS	.25	2.20	18.50
SUDAN GRASS	.15	1.20	5.25
CRESTED WHEAT GRASS	.60	4.50	
REED'S CANARY GRASS	.80	6.50	

CATALOG—PAGE 108

MEADOW MIXTURE, "Huntley"

	1lb.	10lbs.	100lbs.
" " "Peerless"	\$.30	\$2.50	\$20.00
" " "Peerless"	.25	2.25	18.50
PEAS—FIELD			
White Marrowfat	.12	1.00	5.25
Mixed for Hogs	.10	.80	4.50
Austrian	.20	1.40	9.25
VETCH			
Spring	.20	1.30	8.50
Winter or Hairy	.20	1.65	14.00

CATALOG—PAGE 109

MILLET

	1lb.	10lbs.	100lbs.
White Wonder	\$.15	\$ .90	\$ 4.75
Golden or German	.15	.90	4.75
Hungarian	.15	1.00	5.00
Siberian or Kursk	.15	.90	4.50
Turghai	.15	1.00	4.00
Early Fortune	.15	.90	3.75
Hog or Broom Corn	.15	.90	3.75
Japanese	.15	1.00	5.50
FIELD BEANS			
Fordhook Bush Lima	.20	1.20	8.50
Great Northern Navy	.20	1.20	7.00
Mexican Red or Chili	.20	1.20	7.00
Small White Navy	.20	1.20	7.50
SOY BEANS			
Wisconsin Early Black	.20	1.20	7.00
Manchu	.20	1.15	6.00
Illini	.20	1.15	6.25
SORGHUM—Minnesota Amber Cane	.15	1.10	5.00
" —Southern Amber Cane.	.15	1.00	4.25
FETERITA	.15	1.10	5.75
KAFFIR CORN—White Seeded	.10	.75	4.00
BUCKWHEAT—Silver Hull	.10	.75	4.00
" —Japanese	.10	.75	4.00
Lentils	.20	1.70	14.00



## FIELD SEEDS—(Continued)

## CATALOG—PAGE 110

	1lb.	10lbs.	100lbs.
FLAX—Montana Russian, bu. \$2.10..	\$.10	\$.80	\$ 3.75
“ “ Reserve “ 2.25..	.10	.80	4.00
Reserve Grown from Registered Stock			
SUNFLOWER—Mammoth Russian..	.15	1.25	7.50
RAPE—Dwarf Essex—For Stock.....	.20	1.40	8.75

## CATALOG—PAGE 111

## “REGISTERED GRAINS”

	100lbs.	1000lbs.
Horn Barley .....	\$2.25	\$21.50
Trebi Barley .....	2.25	21.50
Victory Oats .....	2.50	24.00
	Bu.	10 Bu.
10B Marquis Wheat .....	\$2.00	.....
Supreme Wheat .....	1.90	.....
Treat All Grain with Ceresan		

## CATALOG—PAGE 112

## “STANDARD GRAINS”

	Bu.	10 Bu.
SPRING WHEAT		
Supreme .....	\$1.60	.....
Marquis .....	1.60	.....
Federation .....	1.40	\$13.00
Dicklow Club Type .....	1.30	12.50

## WINTER WHEAT

Turkey Red.....	} Write for Prices
Karmont.....	
New Turk, Beardless.....	

	100lbs.	1000lbs.
STANDARD OATS		
President .....	.....	.....
Victory, 44-lb. Fancy .....	\$2.30	\$22.50
Swedish Select .....	2.00	19.50
Montana White .....	2.00	19.50
Corriente, New Large .....	4.75	.....

## CATALOG—PAGE 113

	100lbs.	1000lbs.
RYE		
Spring Prolific .....	\$2.80	\$27.00
Spring, Fancy Recleaned .....	2.50	24.00
Fall Amber .....	2.00	19.50
Fall Rosen .....	.....	.....
SPELTZ, or Emmer .....	2.25	.....

As Prices Change Frequently, Please Write for Latest Price List When Ready to Purchase

ADD POSTAGE FOR PARCEL POST SHIPMENTS

## CATALOG—PAGE 113

BARLEY	100lbs.	1000lbs.
White Hulless .....	.....	.....
Blue Beardless and Hulless “Faust” .....	\$2.25	\$21.50
Six-Row Trebi (Bearded) .....	2.10	20.00
Horn, Dry Land, Two-Row .....	2.10	20.00
Hannchen, Two-Row .....	2.50	24.50

## CATALOG—PAGE 114

FIELD CORN	1lb.	10lbs.	Bu.
Northwestern Dent .....	\$.15	\$1.20	\$13.00
Rustler White Dent (Pioneer) .....	.15	1.20	3.00
Minnesota No. 13 .....	.15	1.20	3.00
Brown County Yellow Dent .....	.15	1.20	3.00
Falconer Yellow Dent .....	.15	1.20	3.00
Minnesota No. 23 .....	.15	1.20	3.00
Squaw or Rainbow Flint .....	.15	1.20	3.00
North Dakota White Flint .....	.15	1.20	3.00
Gehu Yellow Flint .....	.15	1.20	3.00
Fodder, Tall Growing Triumph			
Flint Yellow .....	.15	1.20	2.75
Pop Corn, “Jap. Hulless,”			
100 lbs., \$7.50 .....	.15	1.20	.....
Treat All Corn with Semesan Jr.			

## CATALOG—PAGE 115

SEED POTATOES—Treat All Plantings with  
Semesan Bel—the Instantaneous Dip

	25lbs.	50lbs.	100lbs.
Early Ohio, Standard .....	\$.70	\$1.20	\$2.00
Triumph “Bliss,” Standard .....	.80	1.25	2.25
Netted Gem, Standard .....	.70	1.20	2.00
Leggerini's Early Italian, Standard..	.80	1.25	2.25
Irish Cobbler, Standard .....	.70	1.20	2.00
SEED POTATOES—“Certified” Stocks			
Early Ohio, Certified .....	.....	.....	.....
Early Bliss Triumph, Certified.....	1.00	1.75	3.25
Early Irish Cobbler, Certified.....	1.00	1.60	3.00
Netted Gem, Certified .....	1.00	1.60	3.00

Write for Special Prices on Large Lots

## VIGORO

A SWIFT & COMPANY PRODUCT  
Complete Plant Food

Endorsed by leading landscape gardeners and nurserymen  
100 lbs., \$6.00; 50 lbs., \$3.75; 25 lbs., \$2.00 bags. 5-lb.  
package, 60c. Clean, odorless—easy to use—can be sown  
by hand like grass seed. Freight paid to your station on  
100-lb. orders.

## AMOUNT OF VIGORO TO USE

Standard Application—4 pounds to every 100 square feet  
(10 feet x 10 feet).Light Application — 2 pounds to every 100 square feet  
(10 feet x 10 feet).

Important—Vigoro must be applied evenly for best results.

STATE NURSERY & SEED CO., Helena, Montana

NURSEYMEN—SEEDSMEN—FLORISTS

MANUFACTURERS OF POULTRY AND DAIRY FOODS

Date.....193..... Amount Enclosed \$.....

NAME.....  
(Write Very Plainly)

STREET AND NO.....  
POST OFFICE.....  
Freight or Express Station..... STATE.....

IS THERE A FREIGHT AGENT AT YOUR STATION? (If Not, Send Sufficient Money to Prepay Charges) { YES OR NO.....

SHIP BY—MARK X AFTER METHOD OF SHIPMENT DESIRED—PARCEL POST ☐ EXPRESS ☐ FREIGHT ☐

If out of variety ordered, have we your permission to substitute equal or better?.....

In case price has declined or advanced, shall we fill order for amount allowed?.....

ZONE

ORDER NUMBER

1932

STATE NURSERY & SEED CO. do not give, and their agents and employees are forbidden to give, any warranty, expressed or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, plants, etc., they send out, and will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned and the money paid for them will be promptly refunded.

✓	Quantity	KEEP A COPY	NAME OF ARTICLE WANTED (Please use one line for each item)	OF THIS ORDER	Dollars	Cents
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
IF YOU HAVE ANYTHING TO WRITE US WITH THIS ORDER, PLEASE USE A SEPARATE SHEET					Total—or Carried Forward	





STATE NURSERY & SEED CO., Helena, Montana

NURSEYMEN—SEEDSMEN—FLORISTS

MANUFACTURERS OF POULTRY AND DAIRY FOODS

Date.....193..... Amount Enclosed \$.....

NAME .....  
(Write Very Plainly)

STREET AND NO.....  
POST OFFICE.....  
Freight or Express Station..... STATE.....

IS THERE A FREIGHT AGENT AT YOUR STATION?  
(If Not, Send Sufficient Money to Prepay Charges) } YES OR NO.....

SHIP BY—MARK X AFTER METHOD OF SHIPMENT DESIRED—PARCEL POST ☐ EXPRESS ☐ FREIGHT ☐

If out of variety ordered, have we your permission to substitute equal or better?.....

In case price has declined or advanced, shall we fill order for amount allowed?.....

ZONE ORDER NUMBER

Do Not Write In These Spaces

1932

STATE NURSERY & SEED CO. do not give, and their agents and employees are forbidden to give, any warranty, expressed or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, plants, etc., they send out, and will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned and the money paid for them will be promptly refunded.

✓	Quantity	KEEP A COPY	NAME OF ARTICLE WANTED (Please use one line for each item)	OF THIS ORDER	Dollars	Cents
1						
2						
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4						
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9						
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IF YOU HAVE ANYTHING TO WRITE US WITH THIS ORDER, PLEASE USE A SEPARATE SHEET					Total—or Carried Forward	

NOTICE—KINDLY SEND THE NAMES OF YOUR ACQUAINTANCES WHO USE SEEDS AND NURSERY STOCK

✓	Quantity	KEEP A COPY	NAME OF ARTICLE WANTED (Please use one line for each item)	OF THIS ORDER	Dollars	Cents
If you have changed your address since last ordering, please give old address below.				Total Brought Forward		
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
					TOTAL	

PARCEL POST RATES  
Within the United States  
RATE TO CANADA, 14c PER POUND OR FRACTION THEREOF.

First pound or fraction	Each additional pound or fraction
7c	1c
7c	1c
8c	2c
8c	4c
9c	6c
10c	8c
12c	10c
13c	12c

First Zone within 50 miles of Helena.....	7c	1c
Second Zone within 150 miles of Helena.....	7c	1c
Third Zone within 150 to 300 miles.....	8c	2c
Fourth Zone within 300 to 600 miles.....	8c	4c
Fifth Zone within 600 to 1000 miles.....	9c	6c
Sixth Zone within 1000 to 1400 miles.....	10c	8c
Seventh Zone within 1400 to 1800 miles.....	12c	10c
Elghth Zone all over 1800 miles.....	13c	12c

IF YOU HAVE CHANGED YOUR ADDRESS, IT IS IMPORTANT  
THAT YOU FILL IN THE FOLLOWING. My Old Address was

POST OFFICE .....

R. F. D. No..... BOX No..... STATE.....

SPECIAL NOTICE—If you will kindly send us the names of your  
friends and those of farmers or ranchers of your acquaintance,  
we will be glad to place them on our mailing lists.

PLEASE DO NOT USE SPACE BELOW

FILLED BY	CHECKED BY	PACKED BY	NO. BOXES	NO. SACKS	NO. PKGS.	DATE	POSTAGE

FR. EXP. ADV.

SPRING RYE



Spring Rye—Yield 22 bu. per Acre on Dry Land

**PROLIFIC**—This outstanding variety of Spring Rye is very appealing on account of its attractive appearance and size of the kernel. Our crop averaged 40 bushels per acre in the rather unfavorable season of 1931, which we consider was excellent.

If your seed is running out or you wish to get a new start try Prolific; it's worth while.

**SPRING RYE**—True stock. Spring Rye makes an excellent crop where winter grain has been killed out, or for sowing where a fall crop has not been planted. For the dry farmer needing a sure crop of hay, Rye can be depended on to produce a good tonnage of excellent hay. Does not grow quite so large straw as Winter Rye, but usually yields well and grain is of fine quality. We call particular attention to the fact that we offer genuine Spring Rye.

FALL RYE—(For Spring Use)

Fall Rye planted in the Spring on either dry or irrigated land for pasture purposes gives surprisingly satisfactory results. The stooling characteristics emphasized by the Spring conditions makes an early abundant pasture.

**FALL RYE—Amber**—Winter Rye is much harder than Wheat and can be grown in a greater variety of soils. It will thrive in dry seasons and on light sandy loam. It is grown for grain fodder, soiling purposes and green manure. Sow Aug. 20th to Sept. 15th—1½ bu. per acre if for grain, and 1½ to 2 bu. per acre for Fall pasture. If drilled 2 to 2½ in. deep there will be less danger of Winter killing. Our seed is selected, graded, and thoroughly cleaned.

**FALL RYE—Rosen**—Rye cross-breeds like corn. In this respect it differs from Wheat, which will not cross fertilize if two or more kinds are grown together for years. To keep a pure Rye pure, it should be grown away from a common crop, like you must grow yellow corn distant from white corn.

Farmers who have grown Rye know that 15 to 20 bushels per acre is about what they can expect. Such farmers, who changed to the Rosen Rye, are now getting 25 to 30 bushels, and 40 to 50 bushel yields are not very uncommon.

SPELTZ

**SPRING SPELTZ OR EMMER** is very similar to Barley in appearance and growth, and is especially adapted to the semi-arid districts of the Northwest and can be relied upon to produce a fair crop even under the most adverse conditions. It produces heavy yields of grain, and straw which is equal in value to oat straw. Its extreme hardiness and drought resisting qualities, together with yielding qualities that surpass any other cereal, make it a grain of the utmost importance to the farmers in the North and Northwest.

Our seed stock has been bred up from the most hardy, high yielding strains, and has been carefully re-cleaned and graded and we believe that we are in a position to furnish you with the best that can be produced, and we know that it will prove to be the cheapest and best feed which you have ever grown upon your farm.

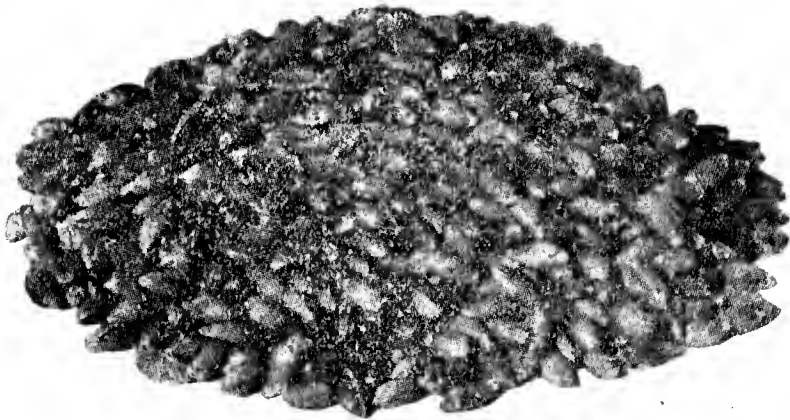
GROWING THE CROP

- Soil**—It will grow on any soil or in any climate where any other grain crop will grow.
- Preparation of the Seed Bed**—It can be sown on ground prepared the same as that upon which you would plant Barley, Wheat or Oats. It is sown broadcast or by the use of a press drill.
- Harvesting**—Cut the grain when it is a little past the milk stage, when it will make splendid grain and lots of straw.

SAMPLES

We are always ready and willing to send samples of all grass and field seeds for your inspection. Don't hesitate to write and request samples in these lines at any time. We want you to know just what our seeds are before you buy and we will ship exactly the quality we furnish as sample.

BARLEY



Hulless and Beardless Barley

Except for Faust's Blue Hulless Barley the White Hulless is in largest demand by feeders when obtainable. Either the White or Blue Hulless Barleys certainly have a very definite place in the cropping program of every irrigated or sub-irrigated farm. Under favorable conditions White Hulless will do well on dry land and will produce a feed practically equal to Corn.

Plant about 50 to 60 lbs. per acre.

FAUST'S BLUE HULLESS AND BEARDLESS BARLEY

Is the latest improved strain of the Blue Hulless varieties. Besides the added characteristic of being beardless it has proven itself to be far the highest yielding of all Hulless types. The feed value of this variety is the highest of all Barleys and 35 to 40 bushel yields are very common.

**TREBI**—A 6-row introduction especially suited for irrigated lands. Bozeman reports their average for the two past seasons as 95 bushels per acre. Aberdeen Station (Idaho) reports average yield for 8 years, 79.8. Trebi requires less time to mature than Chevalier. The straw is of medium height, and fairly stiff, so that it is less likely to lodge than other varieties. Recommended principally for irrigated land.

**HORN BARLEY**—An outstanding bearded two-rowed Hulled variety which has proven to be the best yielder under dry farmed conditions in Montana. At the Judith Basin Branch Station, Horn Barley has outyielded the best six-rowed variety by about 5 bushels per acre. It is the leading variety at the Havre Station. This variety is a pedigreed selection made by the Minnesota Experiment Station from stocks of Austrian origin. It is taller than other varieties of the two-rowed class.

**HANNCHEN**—Two Row, has for years been known as one of the best and most consistent yielders of the two-row type. It is generally so well known that no detailed review of its performance or characteristics is needed.



Barley—Faust's Blue Hulless and Beardless

FOR PRICES—SEE PINK INSERT  
ASK FOR QUOTATIONS ON QUANTITY ORDERS



# State Nursery and Seed Co's. Seed Corn

HIGHLY YIELDING—DEPENDABLE

HOME GROWN

GOOD GERMINATION

ADAPTED STRAINS

NONE BETTER

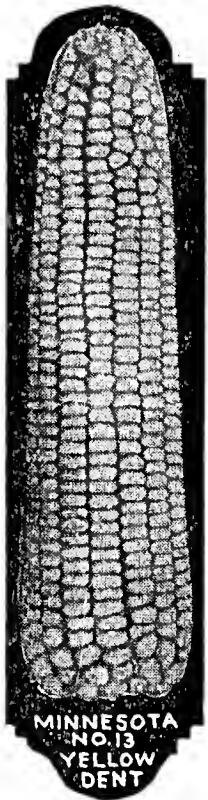
KNOW IT WILL GROW

We have taken special care and have spared neither time nor effort in the selection of our Seed Corn stocks. Our representative makes personal inspection and investigations and obtains the cooperation of the county agent for recommendations and history of approved Seed Corn stocks.

We pay particular attention to selecting the earliest strains of each variety offered. Especial emphasis is given to type, yield and germination.

We thus reduce your risk, increase your yields and for ourselves obtain a booster and a customer for years to follow. The benefit becomes mutual.

## DENT CORN



**NORTHWESTERN DENT**—Northwestern Dent is generally conceded to be the most popular variety in the semi-dent class. It is not only early maturing but is an excellent yielder in grain production or from a silage standpoint in tonnage per acre; under average conditions it will mature in from 85 to 100 days.

Our strain of Northwestern is from a week to ten days earlier than the standard Minnesota strain and matures consistently in most parts of Montana, Wyoming, the Dakotas and Idaho.

The plants grow from 5 to 7 feet high and the ears are 12 to 14 rows and from 5 to 7 inches long.

**MINNESOTA 23**—Minnesota 23 is a white capped yellow dent. Our seed should not be confused with the mixed late strains of this variety commonly offered. Our stocks have been produced from the popular certified Coleman early and Typy strain. It is one of the very earliest of the semi-dent group, maturing in from 85 to 95 days. It is non-suckering, carries ears at a convenient height for the harvesting and is a good yielder. Fast gaining over the other semi-dents in popularity, especially under slightly unfavorable conditions.

**PIONEER WHITE DENT, or RUSTLERS WHITE DENT**—This is now recognized under the general name of Pioneer White Dent and is the earliest of the true dent varieties, maturing in from 85 to 95 days under average Montana conditions. It is not only a dependable grain producer but also a fair silage producer if desired for that purpose. It is predicted that Pioneer White Dent will be more in demand than usual after the very favorable showing made during the past year under most unfavorable conditions. Our stocks are from popular Montana strains.

**FALCONER**—Every year this wonderful semi-dent proves more and more its very great value to the Northwest. Acclimated by nearly forty years of growing, and carefully selected, it improves each year. It is earlier than any of the dents, and heavier, being a descendant from the original native Indian Corn, and it has consistently outyielded all other sorts year in and year out with us. It will grow and develop in cold weather when other more tender sorts stand still. The color is a somewhat uneven yellow, rows eight to twelve, and ears very large. It grows tall enough on the stalk to be handled with a corn binder.

**SEMESAN Jr.**—This modified form of the patent product, Semesan, is exclusively a dust disinfectant used principally for the ear, root and stalk rots of field and sweet Corn but also for the treatment of cereal infections. Under Government-conducted field tests, Semesan Jr. increased the crop yields from diseased field Corn seeds by approximately twenty bushels to the acre and from similarly diseased Sweet Corn by as much as 47.7% with an average of practically 12%. See page 127.

ALL CORN LISTED ABOVE HAS GERMINATION TEST OF 90% OR BETTER

FOR PRICES SEE PINK INSERT

**MINNESOTA 13**—Minnesota 13 has rightfully earned its high rank as a Montana Corn. It yields well and matures early, although not quite as early as the other dents or semi-dents mentioned, its average being from 90 to 105 days, which makes it safe as a Montana Corn under anything like normal years. The strain we offer has been a remarkable yielder and for the past seven years has matured at an altitude over 3,400 feet. This Corn is popular, due to its being practically non-suckering and is especially popular under the more favorable conditions and for silage purposes.

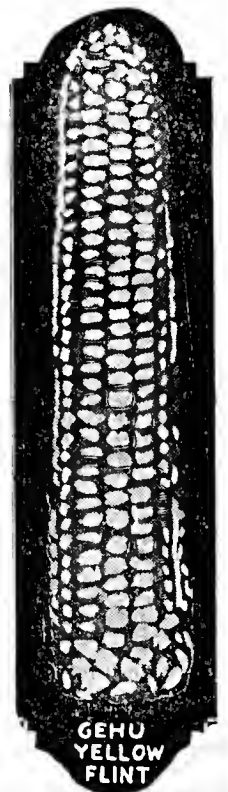
**BROWN COUNTY DENT**—This variety has in the past few years become quite popular. Although very similar to Minnesota No. 13 and maturing in about the same time under favorable conditions it has some advantages, probably on account of its being a bit more flinty. When the season is not so favorable its general habits and appearance, its growth and yield are almost identical with Minnesota No. 13.

## EARLY FLINT CORN

**GEHU**—The best known of our native early flints, might well be called the universal Corn. It has been carefully bred by us for nearly forty years and shows the effect of this breeding. Its feeding qualities are the highest of any variety of Corn; it is leafy and produces a tremendous amount of excellent fodder, since there is no heavy stalk and every part of the plant is utilized. It is drought, frost and hail resistant to a wonderful extent in addition to its great earliness. In good soil and under favorable conditions it may be cut with a corn binder.

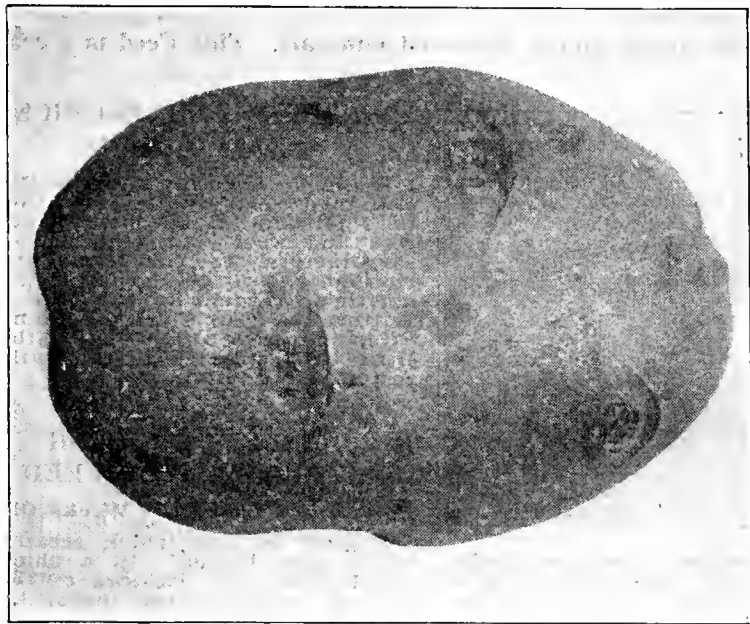
**NORTH DAKOTA WHITE FLINT**—North Dakota White Flint is one of the earliest of the standard varieties of flint Corn. It is a low-growing type from 4 to 5 feet and matures in about 80 days. It is especially adapted to early hogging down as the ears grow close to the ground.

**THE ORIGINAL DAKOTA SQUAW OR RAINBOW FLINT**—This is a mixed form of the early flint and is the first variety listed by us after our business was started. It has retained its popularity through all the years since, on account of its extreme earliness and its unusual hardiness. It is very resistant to both drought and frost and fully as heavy a yielder as any variety of early flint. It is a flint Corn of mixed colors, yellow, white, blue and red predominating; ears long and slender, mostly eight rowed.



These Corns are dependable high yielders of ear Corn and are especially resistant to drought. They mature in from 70 to 90 days. Popular for hogging off.

# SEED POTATOES



Early Ohio Potato

### BLISS TRIUMPH

This beautiful variety combines the wonderful productiveness of the Peerless with all the good qualities of the Early Rose. Tubers are medium size, round, and uniform in shape, with but few small ones; eyes slightly depressed; color a beautiful light red. Its beauty, productiveness, and good qualities in general make it one of the best early market varieties, bringing highest prices on account of its appearance. We recommend this variety for early use only.

### EARLY OHIO

The Early Ohio Potato is so generally known that it requires no extended description. It is more popular than any other early variety, as shown by the greater number of sales for seed stock.

**SHIPPING NOTICE**—Owing to the uncertainty and danger of freezing when shipping by parcel post, we request that shipments be ordered by express or freight when possible. Otherwise for our customers' protection we may be forced to delay delivery.

Our stocks of good early Potatoes will be limited but we will do our best to fill orders in rotation as long as the supply lasts.

### IRISH COBBLER

An excellent early variety of a roundish type with a creamy white skin. A fine yielder and a sturdy, vigorous grower.

Extra fine quality for family use in Fall and early Winter and in our estimation the best main crop, round white variety grown.

### NETTED GEM

Sometimes called the **Russet Burbank**. A splendid main crop late Potato with brownish russet skin, flesh with shallow eyes, rather long shape. Netted Gem is an excellent yielder, very regular in size, and is unsurpassed as a baking Potato. The tubers present an excellent appearance, and are splendid shippers.

### LEGGERINI'S EARLY ITALIAN

From a half dozen seed Potatoes brought from Italy, our grower, Mr. Leggerini, in the past five years has produced and increased his acreage until this year we have a limited amount of this exceptional early Potato to offer.

The Leggerini Early Italian in type is similar to the Early Ohio, although varying slightly in some characteristics. In the five years produced here it has proven itself to be exceptionally early, is light in color and the meat white throughout. For the past four years we have had an opportunity to study this Potato and from the standpoint of early maturity, yield and keeping qualities, we know of no early Potato that is its equal.

See Pink Insert for Prices

### TREATMENT FOR POTATOES

**DIRECTIONS FOR APPLYING SEMESAN BEL**—For the treatment of surface-borne diseases of Potatoes or other tubers, bulbs, corms and roots, applications of Semesan Bel may be made in either dust or liquid form. While Potatoes or other tubers for planting may be treated with liquid or powdered Semesan Bel either before or after cutting, according to the grower's preference and convenience, we recommend applying Semesan Bel as a dip to cut seed pieces, because while dusting produces excellent practical disease control, liquid applications may be expected to produce still better results. The latter method of treatment is the quickest, most practical and economical and also prevents the distribution of the spindle sprout disease by any contamination with the cutting knife. However, according to the facilities available and individual choice, any of the following methods may be employed for the successful application of Semesan Bel.

**Dip Method**—Into ten pounds of water (approximately five quarts) which should be vigorously stirred, pour slowly one pound of Semesan Bel, making a thin paste similar to whitewash. Use a barrel, wash tub or any common container, excepting one of aluminum, to hold the stock of Semesan Bel Mixture and use another tub, half-barrel or vat, in which to treat the seed pieces.

The Semesan Bel Mixture in the treating tub may be used as long as it lasts but fresh material from the stock supply should be added frequently to maintain the original level of the disinfecting solution. Whole treated potatoes should be dried before cutting and will show a thin coating of Semesan Bel which can not readily be rubbed off by normal handling. Cut seed pieces must be disinfected immediately after cutting to protect against contaminating by spindle sprout from the cutting knife. Potatoes treated with Semesan Bel Dip after cutting may be planted as soon as possible following disinfection as complete drying is not necessary, although it is advisable to allow a brief time, in the case of machine-sown seeds, for the disinfectant to set so that the seed pieces will not stick in the planter.

Before treating dirty potatoes or other bulbs, corms, roots and tubers, wash them by drenching with a hose or immersing in a tub of clean water. Then place them in a wire basket (one can easily be made from one-inch mesh chicken wire) or any similar open-side container and simply dip it with its load of seed into the Semesan Bel Mixture until all seeds are completely covered. Then remove immediately, allowing excess liquid to drain back into the treating tub. The seed pieces may be planted right after this treatment or else dried for future planting.



Field of Certified Cobblers from Our Stock

SEE PAGE 127 FOR SEMESAN DISINFECTANTS

ASK FOR PAMPHLETS—STATE NURSERY AND SEED COMPANY Wholesale Distributors of DUBAY SEMESAN

# State Nursery and Seed Co's. Peerless Poultry and Dairy Foods

## CONCENTRATES AND MINERALS

Home grown feeds need the addition of concentrates and minerals for satisfactory results. We use Montana ingredients wherever possible.

Our Dairy Feeds contain molasses, linseed meal, cottonseed meal, grain, gluten meal and minerals. This Feed is a real milk producer and keeps your cows in good condition.

### PEERLESS TURKEY GROWING AND FATTENING MASH

Our Turkey Mashers are especially constructed to aid in building breast bone, good frame and fleshing, with sufficient mineral and nutritive content to build vitality and general disease resistance.

### PEERLESS HEN SCRATCH FEED

A combination of seven varieties of grain in the proper proportions to make a well balanced ration. A scratch food is most necessary to encourage exercise but to enable the hen to make the best and most economical use of her scratch it should be accompanied by a good laying mash such as Peerless or Pratt's.

### PEERLESS EGG MASH

Properly balanced for egg production and containing the proper amount of cod liver oil. We guarantee its satisfaction and comparative food value with any mash on the market. The value of our mash rests in its highly concentrated food value. Being relatively rich in proteins compared with other forms of feed, it supplies those elements entering into the manufacture of eggs and the building of bone, flesh, feathers and nerves. These last are, of course, all vital to economical production. The results of our increasing sales tell the story of satisfied customers.

### PEERLESS DEVELOPER SCRATCH

For Chicks from 8 Weeks to Maturity

A combination of the best grade of carefully cleaned grains prepared for growing birds from about eight weeks old to maturity. It is always advisable to feed a mash with a scratch food and we recommend either Peerless or Pratt's Growing Mash.

### PEERLESS FATTENING MASH

A good fattening food contains a high percentage of nitrogen—free extract (the starches and sugar in feed) which is the real fattening material.

In preparing our Peerless Fattening Mash we have taken special care to use only the ingredients that are palatable and easily digested.

For quick results it is necessary that the fowls eat and digest the largest quantity of the proper food.

### CRUSHED BONE

Contains lime, phosphoric acid, protein and fat, all of which are indispensable in the manufacture of the egg, phosphoric acid being necessary for the egg yolk and protein for the white, or albumen.

### GENUINE CRUSHED OYSTER SHELL—"Pilot Brand"

The absence of carbonate of lime in the hen's diet causes either a soft-shelled egg, or no egg at all. A hen must have all the necessary parts to turn out a complete product, just as any other manufacturer.

### GRIT

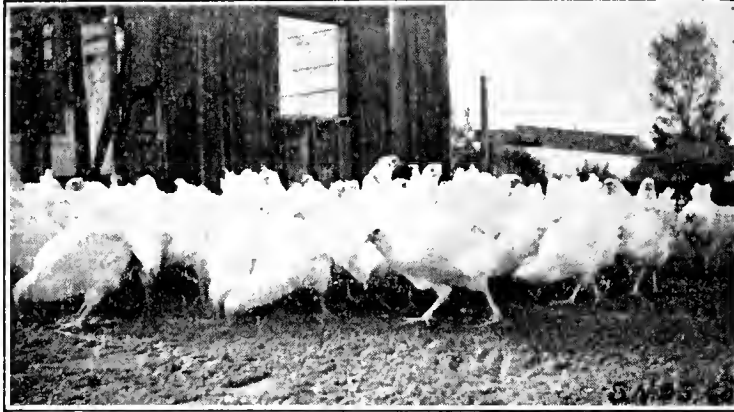
Almost serves as a substitute for the hens' lack of teeth, aiding in mastication and assimilation of food.

We always send hen size unless otherwise ordered.

### PEERLESS CHICK STARTING MASH

Peerless Chick Starter is a trouble preventer; not a trouble shooter. It will not cure them after they are sick but will keep them from getting sick.

Liquid milk causes more trouble than any other one feed, yet they must have milk. The dishes must be scalded every day. The milk must be the same temperature, the same quality. If it is fed sweet it must be kept sweet. If it is fed sour it must be the same all the



Farm flock of pullets raised on our Peerless Feeds. Mr. J. P. Morgan, the owner of these fine pullets and a progressive poultryman of the Helena Valley, says he has never fed better feeds than our Peerless Feeds.

### PEERLESS LITTLE CHICK SCRATCH FEED

For Chicks from 1 to 3 Weeks Old

A good clean wholesome ration of finely milled grains, attractive and appetizing, the necessary factors to stimulate and encourage exercise. We recommend starting baby chicks on Peerless Buttermilk Baby Chick Mash and after one week of age adding the little chick scratch to the daily ration.

### PEERLESS GROWING RATION SCRATCH FEED

For Chicks from 3 to 7 Weeks Old

Similar to little chick scratch but a size larger. As a chick develops in size the size of the scratch requirements naturally increases.

### PEERLESS GROWING MASH

We recommend the tapering off from chick mash to growing mash at the age of six weeks. Probably the most safe and satisfactory way is to increase the growing mash and decrease the chick mash about 10% per day until the change is completed. Peerless Growing Mash is made to build muscle, bone and feathers. Every ingredient is included in the right proportion and is pure, clean and wholesome.

### CALCITE

(A Montana Product)

Fed and used the same as oyster shell but more valuable as a feed because of increased palatability and an increase of more than 45% in digestibility.

All forms of poultry take to Calcite as readily or even more readily than to Oyster Shell and usually with beneficial results in growth, production and egg shell construction.

Calcite eliminates the necessity of feeding either grit or oyster shell and fills both needs to better advantage.

### SUNFLOWER SEED

Of which the oil content is the chief element. Aids in plumage growth but should not be fed heavily except as an aid to hasten moulting.

### VITAMONT

This product has displaced the ordinary packing house "Meat Scrap" by many critical poultrymen. Its high protein content and digestibility by the birds and its appetizing qualities warrant its general use. Keep some before the birds at all times.

### CHARCOAL

Contains the digestive and purifying elements. Acts as a necessary natural regulator.

### PEERLESS STARTING MASH—(Continued)

time. Any variation will cause bowel trouble. Avoid all this trouble by feeding the milk dry in a mash.

Peerless Chick Starter contains enough milk for the chicks without feeding any in liquid form.

Peerless Chick Starter contains all the essential feeds necessary for the chick, when fed with a good grade of chick scratch. It contains all the vitamins, proteins, carbohydrates and fat needed. It is low in fibre.

### WRITE FOR OUR POULTRY FEED AND SUPPLY CATALOG

This publication is issued by us several times during the year and your name on our mailing list will place each issue in your hands. Do not delay; write in and get your name on this special list today.



OUR FEED BUSINESS IS RAPIDLY INCREASING BECAUSE OUR CUSTOMERS ACTUALLY FIND OUR FEEDS ARE AN ECONOMICAL AND A PAYING INVESTMENT

FOR PRICES SEE PINK INSERT



POULTRY  
HEALTH

## PRATTS

MEANS  
PROFIT

## POULTRY AND ANIMAL REMEDIES AND SUPPLIES

WE CARRY A COMPLETE LINE OF POULTRY REMEDIES, ETC., WHICH ARE ABSOLUTELY THE BEST THAT EXPERIENCE CAN SUGGEST OR MONEY CAN BUY. IT WILL PAY YOU TO BUY THEM.

## PRATT'S POULTRY REGULATOR



A perfect and natural food for laying hens. Helps them make more eggs from the same feed and keeps layers in the pink of condition through even the heavy production strain. Its mineral and vegetable tonic content is not found in feeds, yet they are necessary for heaviest egg production. Contains all the necessary elements in accurate and scientific proportions that hens need for egg making. It builds up vitality and stimulates egg production. Poultry Regulator is used by the most successful poultry raisers everywhere. Perfectly pure and free from harmful substance.

Price—4 lbs., 65c; 12-lb. sack, \$1.75; 25-lb. sack, \$3.00; 100-lb. sack, \$10.50.

NOTICE—If wanted by mail, add postage.

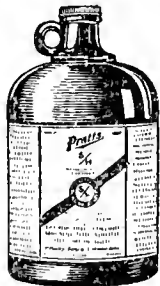
## PRATT'S S-H (Sodium Hypochlorite Solution)

Stops the spread of infectious poultry diseases such as Bacillary White Diarrhea, Coccidiosis, Roup, Fowl Cholera and others. Pratt's S-H (Sodium Hypochlorite Solution) is instant death to disease germs.

Give it to the flock in their drinking water. Use it to disinfect eggs to be hatched, brooders, incubators and fattening crates. It is also valuable in treating many diseases. Full instructions are given with every package. Safeguard poultry health from chick days through every phase of poultry life with Pratt's S-H.

S-H also has many uses on dairy farms, commercial plants making dairy products, in institutions, household, and fox and rabbit farms.

Prices—10-oz. bottle, 50c, postpaid; quart, \$1.00, postpaid; by express or freight, gal., \$2.50; 5 gals., \$10.00.



## PRATT'S FLY CHASER

(New Improved)



Why let your animals suffer needless torment from flies all summer long? Your cows waste time when standing in the pond or rushing through the underbrush trying to escape the constant torture of flies, mosquitoes and other winged pests. Your horses will do more work when relieved from fighting flies and save your time and trouble. Fly Chaser does not injure hair or animal when used as directed. Fly Chaser should be used in every stable and every barn. Price—½-gal., \$1.00; 1 gal., \$1.75. By express or freight only.



## PRATT'S R-P TABLETS

(Formerly called Roup Tablets)

This wonderful remedy is used in every civilized country in the world. The reason is it cures. It is for fowls that sneeze, gasp and wheeze, also for those having a watery discharge from the nostrils and eyes. It prevents colds and is excellent for turkeys.

Price, 30c, postpaid, 33c; medium size, 60c, postpaid, 66c; large size, \$1.20, postpaid, \$1.30.



## PRATT'S LICE KILLER

The world's champion lice killer, especially valuable for use on young chicks and setting hens. It rids horses, cattle, hogs, dogs and cats of lice, also ticks on sheep. It is thoroughly effective as a destroyer of vermin and absolutely harmless to the chick.

Price—14-oz., 30c, postpaid, 33c; 2 lbs., 60c, postpaid, 72c; 6½ lbs., \$1.20, postpaid, \$1.42.



## PRATT'S BAG OINTMENT

(New Improved)

Milking trouble due to caked bag, sore teats, bunches and inflammation quickly reduced. Its penetrating, soothing and cooling qualities give relief. Use it freely for injuries to the udder.

Tubes, 35c, postpaid, 40c; large can, 60c, postpaid, 70c.



## PRATT'S N-K CAPSULES

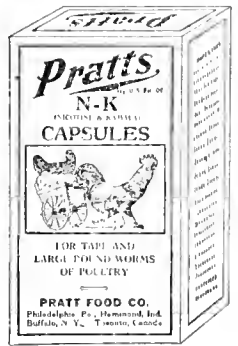
(Poultry Worm Capsules)

Pratt's N-K Capsules (Nicotine and Kamala) will do the trick. Each tablet consists of the proper dose of nicotine and kamala encased in a special airtight coating. Authorities are agreed that these ingredients are the most effective known and will give positive results. When a fowl swallows a Pratt's N-K Capsule, it passes unchanged down through the throat, crop and glandular stomach into the bird's gizzard.

There is no simpler, safer, surer or more practical way to treat a bird for worms than by the use of Pratt's N-K Capsules. The advantages of individual treatment of poultry for worms lie in the fact that this method permits giving each fowl a definite, positive and proper dose. The results are sure and prompt.

Adult size, 50 capsules, \$1.00; 100 capsules, \$1.75; 500 capsules, \$7.00.

Chick size, 50 capsules, 65c; 100 capsules, \$1.00; 500 capsules, \$4.50; 1,000 capsules, \$8.00; all postpaid.



## PRATT'S DISINFECTANT



Pratt's Disinfectant is a standard coal-tar solution such as is recommended by the government and all other authorities. It is four times stronger than carbolic acid as a germ killer and as it is always diluted with pure water, a little bit goes a long way. This disinfectant is a real wonder worker, a quick, effective germicide, insecticide and deodorant. It is unsurpassed for effectiveness in stables, barns, poultry houses and yards and for use on dogs, cats and pets generally. Its pleasing, clean odor makes it admirable for household use. Considered the best disinfectant on the market today. Price—Quart, 75c; ½-gal., \$1.25; gal., \$2.25. By express or freight only.

## PRATT'S POULTRY WORM POWDER

This is the product to use when it is decided to worm all the birds in a flock at one time. For individual treatment use Pratt's N-K Capsules as described above. Pratt's Poultry Worm Powder is for use in the treatment of Round Worms, Tape Worms, and other Intestinal Worms of poultry and turkeys. Thousands of chickens and turkeys, young and old, are lost annually through the ravages of worms. One chicken saved will pay for sufficient powder to treat a large flock. Powerful, efficient, easy to use. Blackhead is usually caused from worms. Price—2-lb. sack, 60c, postpaid, 72c; 4½ lbs., \$1.20, postpaid, \$1.35; 12-lb. sack, \$2.20, postpaid, \$2.45; 25-lb. sack, \$3.85, postpaid, \$4.29; 100-lb. sack, by express or freight only, \$13.25.



## PRATT'S CHICK TABLETS

(Formerly called Diarrhea Tablets)

"The Baby Chick Life Saver." Thousands and thousands of little chicks die each year from the fatal white diarrhea. Pratt's Chick Tablets in the drinking water kills the specific organism which causes the disease, and saves the hatch. Use as a preventive when hens are laying, because it will prevent this deadly organism from developing in the egg. Price, 30c, postpaid, 32c; large size, 60c, postpaid, 63c.



## PRATT'S SPECIAL COMPOUND

Cholera creates a continuous and violent desire for water. For the treatment of cholera, indigestion, bowel trouble, and all kindred troubles in chicks or grown fowls, this remedy is excellent. As cholera is very contagious, Cholera Remedy should be kept on hand by every one who raises little chicks.

Price—Large size, 60c, postpaid, 68c.

CLEANLINESS  
MEANS

## PRATTS

POULTRY  
HEALTH

## POULTRY AND ANIMAL REMEDIES AND SUPPLIES

WE CARRY A COMPLETE LINE OF POULTRY REMEDIES, ETC., WHICH ARE ABSOLUTELY THE BEST THAT EXPERIENCE CAN SUGGEST OR MONEY CAN BUY. IT WILL PAY YOU TO BUY THEM.

## PRATT'S RED MITE SPECIAL

Is the most powerful liquid lice killer and mite destroyer ever put on the market. Painted and sprayed around the poultry house according to directions, it will keep it free of these blood-sucking pests. Economical, powerful, non-poisonous, safe, sure and guaranteed. Quart, 75c; ½-gal., \$1.25; gal., \$2.25.



Liquids Cannot Be Sent by Parcel Post.

## PRATT'S HEALING OINTMENT

Injuries of any kind are healed naturally and permanently, and pain quickly relieved by applying Pratt's Healing Ointment. Sores, cuts, scratches, wounds, burns, barbed wire cuts, as well as skin eruption, eczema and itching, are quickly cured. Corns, harness and saddle galls disappear in short order. You should have this ointment handy at all times. Price, 35c, postpaid, 33c.

## PRATT'S SCALY LEG OINTMENT

This disease is caused by a parasite working underneath the scales of the feet and legs, often making it difficult for the bird to walk. Scaly leg is contagious, and while not fatal, is injurious to the bird and its sale value as well as its usefulness. It is simple to apply and is guaranteed to cure. It is also excellent as a dressing for the feet and legs of show birds, increasing their "point" value and putting them in the very best possible condition as prize winners. Price, 35c, postpaid, 40c.

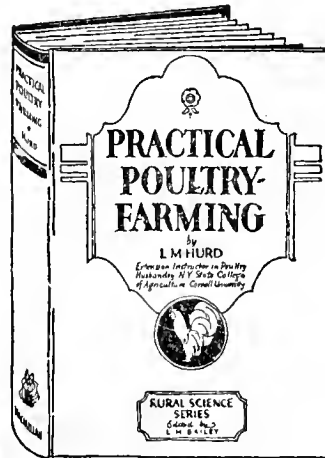
## PRATT'S LICE SALVE

Price—Large tube, 60c, postpaid, 65c.

## PRATT'S COW TONIC

Cow Tonic increases the milk supply and makes it rich in butterfat. Cow Tonic enables the cow to turn more of the feed into milk and keep up the full flow for a much longer period. It is a positive remedy for scours. A wonderful all-round tonic.

Price—2 lbs., 65c, postpaid, 77c; 4½ lbs., \$1.25, postpaid, \$1.40.



## PRACTICAL POULTRY FARMING, by L. M. Hurd

Here are practical, useful, and money-making ideas on raising poultry for profit, no matter whether one is entirely green or has years of experience. Newly revised and completely brought up to date for all new discoveries in practical poultry raising. Complete in every detail. 160 illustrations, 478 pages—\$3.50.

## PRATT'S BOOKS FREE

BABY CHICKS—How to feed and care for them.

COMMON POULTRY DISEASES.

RED MITES—Use Red Mite Special.  
HAND SPRAYERS—For Pratt's Fly Chaser and Disinfectant, etc. See page 132.

## PRATT'S POULTRY AND ANIMAL FOOD

"Brains Can Think of No Better, We Can Make No Better, You Can Buy No Better, Chicks Can Want No Better"



## PRATT'S BUTTERMILK BABY CHICK FOOD

"JUST WATCH THEM GROW"

Should be fed the first three weeks. It is essential to the nourishment of chicks that they be fed with food that can be thoroughly and easily digested. Baby Chick Food is balanced to suit the needs of chicks from the day they emerge from their shells. It will raise more chicks than any other food. Price—5-lb. bag, 30c; 10-lb. bag, 55c; 25 lbs., \$1.25; 50 lbs., \$2.20; 100 lbs., \$4.25.

F. O. B. Helena.

## PRATT'S BUTTERMILK GROWING MASH

An ideal food for growing youngsters. The bone, muscle and feather builder—contains the proper ingredients to make bone, muscle, and good red blood.

25 lbs., 90c; 50 lbs., \$1.75; 100 lbs., \$3.40—F. O. B. Helena.

## PRATT'S CHICK SCRATCH FEED

Pronounced by authorities everywhere to be the finest, cleanest, purest, most economical and highest quality chick scratch ever offered to the public.

25 lbs., 80c; 50 lbs., \$1.55; 100 lbs., \$3.00—F. O. B. Helena.

## PRATT'S BUTTERMILK LAYING MASH

This remarkable mash is the standard by which others are judged. Not alone theoretically right, but proven by practical test to be the greatest "egg producer" ever made. There is a good reason for every ingredient in this splendid mash.

Pratt's Buttermilk Laying Mash produces more eggs at less cost per dozen and gives greatest profits.

25 lbs., 90c; 50 lbs., \$1.75; 100 lbs., \$3.40.

If Wanted by Mail Add Postage

## PRATT'S CALF MEAL

IT MAKES THEM GROW—SAVES MILK—SAVES MONEY

No dairyman will dispute the value of skim milk as a feed for calves, but in separating the milk you take out some most vital elements that nature intended the calf should have. The milk is robbed of life and health giving vitamins that are very necessary to the healthful and profitable development of the calf.

Pratt's Calf Meal is a scientific preparation that supplies these necessary food properties at a very reasonable cost, enabling you to sell your milk or cream and still have vigorous, rapidly-maturing calves that later make profitable producers. It supplies bone, muscle and tissue-building elements.

It is mighty important for the calf raiser to develop his calves just as economically as possible. Every dollar saved in raising them is a dollar earned. Therefore, you will readily see that it pays to feed Pratt's Calf Meal because you can use it at less than half the cost of using milk. Pratt's is a milk substitute of highest quality, which calf-raisers have used for years. It raises real calves at a real money saving.

If used according to directions, Pratt's Buttermilk Calf Meal will be found to be the best milk substitute you can procure for your calves. Feeding directions in every sack.

25 lbs., \$1.25; 100 lbs., \$4.50—F. O. B. Helena.

## NOPCO COD LIVER OIL

FAMOUS POULTRY FARMS AND HATCHERIES USE AND RECOMMEND NOPCO COD LIVER OIL

The antirachitic element is extracted from pure cod liver oil. Then the extracted concentrate is biologically tested and is used to increase the Vitamin D potency of other lots of pure cod liver oil. The resultant products—Nopco X or Nopco XX—are then tested and proved in the laboratory, first on white rats for Vitamins A and D and then on chicks for Vitamin D. Per gal., \$3.75.

PRICES ON POULTRY FEED—SUBJECT TO CHANGE

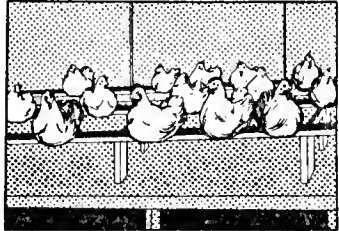
## "Black Leaf 40"

### Kills Poultry Lice

Previous methods of controlling poultry lice have generally been laborious, expensive, disagreeable and difficult. Individual handling of the birds, as is necessary when using powders, ointments, or dips, requires tedious labor and usually interferes with egg production. The "Black Leaf 40" method does away with all handling of the birds and does not interfere with egg production. "IT WORKS WHILE THEY SLEEP."

When chickens perch upon roosts that have been "painted" with "Black Leaf 40" the heat from their bodies causes a slow release of fumes which penetrate the feathers and kill the lice, with no discomfort to the birds. The process goes on during the night, as the birds are sleeping, and furnishes the most desirable form of poultry lice control ever known.

## BLACK LEAF 40



WORKS WHILE THEY ROOST

### See New Size Packages and Prices

1-ounce bottle, 35c	postpaid, 40c
Treats 12 to 15 running feet of roost	
5-oz. bottle, \$1.00	postpaid, \$1.10
Treats 65 to 90 running feet of roost	
1-lb. bottle, \$2.50	postpaid, \$2.60
Treats 190 to 240 running feet of roost	
2-lb. tin, \$3.75	postpaid, \$3.90
Treats 385 to 480 running feet of roost	
5-lb. tin, by express only	\$7.00
Treats 950 to 1,200 running feet of roost	
10-lb. tin, by express only	\$11.85
Treats 1,900 to 2,400 running feet of roost	

## IKTON

IKTON is absorbed by the animal body, goes directly into the blood. Here it performs its germicidal action; and conveys to the body its restorative and protective and curative qualities. IKTON is the greatest blood purifier known.

IKTON costs about 1c per month, per chick. And be assured of complete freedom from Coccidiosis. You get more rapid growth, better broilers, whiter meat, marked resistance to colds and disease. For \$1.50 a month you can maintain 250 hens, in better health, free from disease, with increase in egg production.

IKTON is 100% pure and non-poisonous. Put 1 oz. of IKTON in 100 lbs. mash for chicks, 2 oz. in 100 lbs. mash for mature fowls. See how far a pound goes. Results guaranteed.

Price—1-lb. package, \$2.00, postpaid.

## SPRATT'S DOG FOOD

THEY  
FIGHT



FOR  
SPRATT'S

## SPRATT'S FIBO

A nourishing and appetizing food containing Wheatmeals, Meat-Fibrine and pure yolk of egg. It is the ideal food for puppies from the time of weaning, and particularly suitable for shy and dainty feeders. It is a valuable frame, coat and flesh forming food and should be fed where a particularly nourishing food is essential. Fibo makes an ideal change in diet for all breeds. Cats like it, too.

1 lb., 20c, postpaid, 29c; 5 lbs., 90c, postpaid, \$1.02; 10 lbs., \$1.75, postpaid, \$2.00; 25-lb. box, \$4.00; 100-lb. sack, \$15.00.



## SPRATT'S OVALS

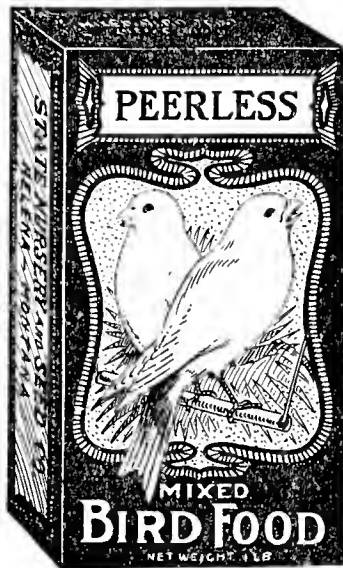
Their name suggests their shape—about an inch long, and a quarter thick. They are really our Dog Cakes in another form, compounded with other health-giving foods, making them esteemed both from the nutrition and utility points of view. Though small they are essentially nourishing, and while furnishing the staple food are excellent for all breeds.

1 lb., 20c, postpaid, 29c; 5 lbs., 90c, postpaid, \$1.02; 10 lbs., \$1.75, postpaid, \$2.00; 25-lb. box, \$4.00; 100-lb. sack, \$15.00.



## S. N. & S. CO'S. BIRD SEED

**PEERLESS BIRD SEED MIXTURE**—Has become famous for its superior quality. We use nothing but the freshest high grade seed free from mustiness and dust. These seeds are particularly relished by canary birds, etc. This mixture will keep the birds in song and in good health. Put up in 1-lb. lithographed cartons.



Postpaid By Express or Freight  
At purchaser's expense

	1 lb.	2 lbs.	5 lbs.	10 lbs.	25 lbs.
BIRD SEED MIXTURE	28c	52c	\$1.00	\$1.75	\$4.00
CANARY—Best Sicily	28c	52c	1.00	1.75	4.00
HEMP—Best grade	25c	45c	.85	1.50	3.50
BIRD RAPE—Domestic	28c	52c	1.00	1.75	4.00
BIRD RAPE—German	33c	60c	1.25	2.25	5.00
MILLET—For Birds	15c	25c	.50	.85	.....
LETTUCE SEED—For Birds	15c	25c	.50	.....	.....
SUNFLOWER—For Parrots	20c	38c	.....	1.20	7.50
PARRAKEET and LOVE- BIRD MIXTURE	38c	72c	1.50	.....	.....

BIRD SAND OR GRAVEL—2 lbs., 15c, postpaid, 27c.

CUTTLE FISH BONE—Good for digestion and general health. Large piece, 5c; ¼-lb., 20c; 1 lb., 65c, postpaid.

## SPRATT'S BIRD FOOD



	Postpaid
SPRATT'S NESTLING FOOD—Pkg.....	35c 40c
SPRATT'S MOULTING FOOD—Pkg.....	35c 40c
SPRATT'S BIRD TONIC—Pkg.....	15c 17c
SPRATT'S LICE AND MITE KILLER AND BLOWER	30c 35c
SPRATT'S SONG RESTORER—Pkg.....	30c 35c
For Canaries; revives the desire to be lively and sing more lustily.	
SPRATT'S SING SONG OR MANNA—Pkg.....	15c 17c
SPRATT'S NESTING HAIR	15c 17c

## SPRATT'S DOG REMEDIES

Spratt's Special Tablets for Distemper, postpaid.....	\$1.00
Spratt's Worm Capsules for Puppies, postpaid.....	.60
Spratt's Worm Capsules for Old Dogs, postpaid.....	.60
Spratt's Flea or Lice Powder, postpaid.....	.38
Spratt's Tonic and Condition Tablets, postpaid.....	.60

## That Fine English PULVEX DOG SOAP



—will not only free a dog of all its fleas and lice but grooms as it cleans. This soap contains the active flea-killing agent that positively destroys all animal parasites found on the animal. In addition, it contains oils having a highly beneficial effect on the hide of a dog and giving the hair an attractive gloss and sheen. Pulvex Dog Soap comes in a beautifully enameled, hinged, metal container.

Absolutely the best Dog Soap on the market.

Cake (in metal container), 50c, postpaid.

## SPRATT'S DOG FOODS AND REMEDIES

Are the oldest and best known foods for dogs. Spratt's Ovals provide a complete food; nothing else is necessary. We especially warn against feeding potatoes, white bread, corn meal and an excess of meat. We will furnish free the following booklets:

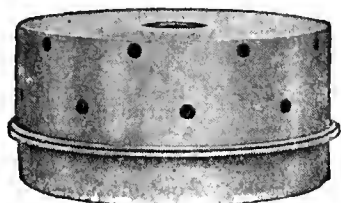
- SPRATT'S Hints on the Care and Feeding of Dogs.
- SPRATT'S Hints on Rearing Puppies.
- SPRATT'S Tips on Dog Feeding.





### LITTLE PUTNAM STOVE (New Improved)

The Little Putnam Stove is used under the drinking fountains in the poultry house to keep the water from freezing in the coldest winter weather.



The stove is nine inches in diameter and four inches high; made of galvanized iron and equipped with a burner which embodies an entirely new principle in oil combustion. Combustion is complete and perfect, doubling the heat value of oil. The oil tank holds three pints of oil and burns three to four weeks without refilling or any other attention; the wick never needs trimming. This Stove is absolutely fireproof and non-explosive.

The Little Putnam Stove does not furnish hot water to the fowls, but water at that tonic temperature which is best relished by them and which increases the amount of food digested and assimilated, thus promoting growth and increasing the egg supply. It is absolutely essential that a constant supply of unfrozen water be accessible to the fowls at all times if they are to be kept at the top notch of health and productiveness.

The cost of running the Stove the entire winter is but from 20 to 30 cents. The expense for oil to run other heaters runs from 75 cents to \$2.00 per season.

This Stove really costs the poultryman nothing because the increased production of eggs during the first month's use will pay for the Stove.

Price, \$2.00, postpaid. 3 for \$5.75, postpaid, \$5.85.

Price of parts for Putnam Stove: Wick holder, 10c each; wicks, 20c dozen; tank, \$1.00; burner, 60c; top, 60c, postpaid.

### PUTNAM BROODER-HEATER (New Improved)

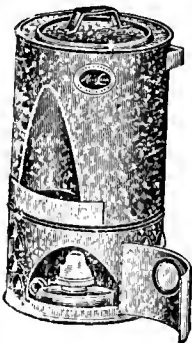
This can be used in any home-made brooder. The heater is so constructed that it acts like an open fireplace, carrying the foul air out and drawing the fresh air in, thus providing perfect ventilation automatically. Heat is radiated from above onto the backs of chicks, giving the natural and soothing effect of the hen, without the lice. The brooder heater is made of brass and galvanized iron and is practically indestructible. Every brooder heater is accompanied by easily followed directions for building the home-made brooder. At no price, high or low, can a brooder be bought so economical of both fuel and labor, so simple and easy to operate, so perfectly ventilated, or one which will so surely raise healthy, vigorous birds. This brooder consumes less than a gallon of oil a month.

This fire-safe Putnam Brooder-Heater requires tending only once a week and can be relied upon to deliver a regular supply of heat.

This Brooder will accommodate from 30 to 50 chicks.

Brooder-Heater, price \$4.75, complete postpaid.

Price of parts of Putnam Brooder-Heater: Top, \$2.50; tank, \$1.50; burner, \$1.25; wick holder, 20c; wicks, 40c per dozen, postpaid.



### MOE'S WINTER FOUNTAINS

A simple and reliable fountain with heater. Made of heavy galvanized iron, easily filled, with nothing about it to get out of order.

The fountain has a capacity of 5 gallons, and the lamp holds sufficient kerosene to burn continuously for one week.

The fountain can be removed from the heater and used independently when desired.

Packed one in a box. Shipping weight, 11 lbs. complete.

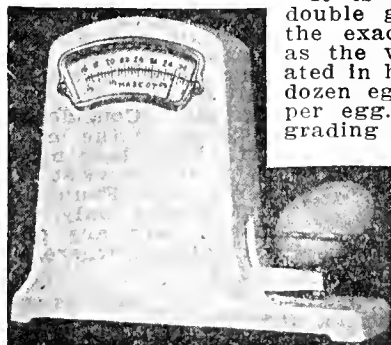
No. 75, each, \$3.95, postpaid, \$4.25.

### THE MASCOT EGG GRADING SCALE

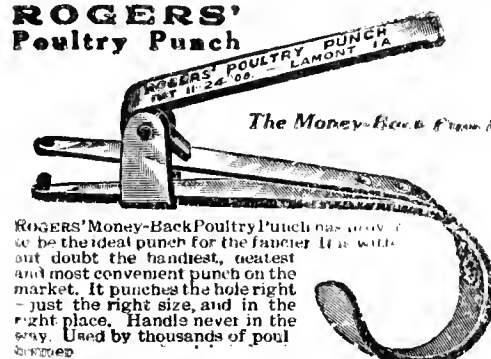
It is the only Scale equipped with double graduation. It shows instantly the exact weight of the egg as well as the weight per dozen. Dial graduated in half ounces—16 to 32 ounces per dozen eggs and from 1 1/2 to 2 3/4 ounces per egg. The Mascot conforms to the grading laws in all sections of the country. Grade your eggs and secure the top market price. Quick and accurate. Will last a lifetime. Price, \$2.95, postpaid.

Pamphlet on request.

### POULTRY REMEDIES See Page 117



### ROGERS' POULTRY PUNCH ROGERS' Poultry Punch



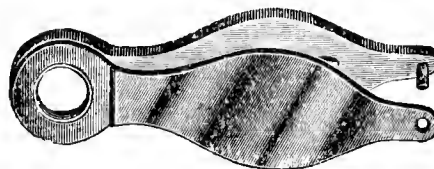
Rogers' Money-Back Poultry Punch has been proved to be the ideal punch for the fancier. It is without doubt the handiest, neatest and most convenient punch on the market. It punches the hole right—just the right size, and in the right place. Handle never in the way. Used by thousands of poultrymen.

It is strongly made and is absolutely guaranteed to give satisfaction or your money refunded.

Price, 40c.

Postpaid, 42c.

### S. N. & S. CO'S. POULTRY PUNCH



One of the most convenient punches made. It is small and easy to operate, cutting a clean hole every time. Nickel plated.

Price, 25c, postpaid, 27c.

### CHINA NEST EGGS



Made of white porcelain. They induce the hen to lay where she should. With these there is no danger of getting stale eggs mixed with the fresh ones, or the hens acquiring the habit of egg eating. They are extra heavy and will not easily break. 6 for 20c, postpaid, 28c; 12 for 35c, postpaid, 45c.

### LIME NEST EGGS

Strong—Durable—Cheap

The lime nest egg is made from pure sterilized sulphate of lime which has been used by poultry raisers for many years to aid in keeping the nests in a clean and healthy condition. This egg has a neat and smooth appearance and in color, size and shape it is almost an exact duplicate of a real chicken egg; will not break. 6 for 30c, postpaid, 38c; 12 for 50c, postpaid, 60c.



### AUTOMATIC CHICK GREASER

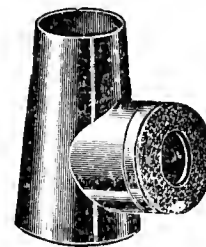
Every Chick His Own Doctor



It is the large lice which collect on the heads of young chickens which cause them to droop and die. Formerly, the only way to get rid of these lice was to catch each chick and rub grease on its head, but this slow and tedious process is not necessary since the invention of the Automatic Chick Greaser.

The wick around the upper part of the Greaser is saturated with oil (a mixture of two-thirds lard and one-third kerosene or black oil) and every chick which eats out of the pan will get its head thoroughly greased in a very few minutes. This apparatus saves much time and trouble and adds considerable to the profits. Price, \$1.65, postpaid, \$1.75.

### EGG TESTER

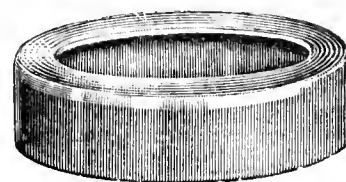


To test the fertility of eggs during the period of incubation. Used with an ordinary lamp in a dark room.

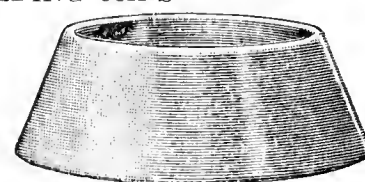
It will illuminate the interior of the egg and show if the chick is alive, and also show the size of air cell in the egg.

Price, 25c, postpaid, 28c.

### PEERLESS FEEDING JARS



No. 1



No. 2

For Rabbits, Dogs, Foxes, Cats, Etc.

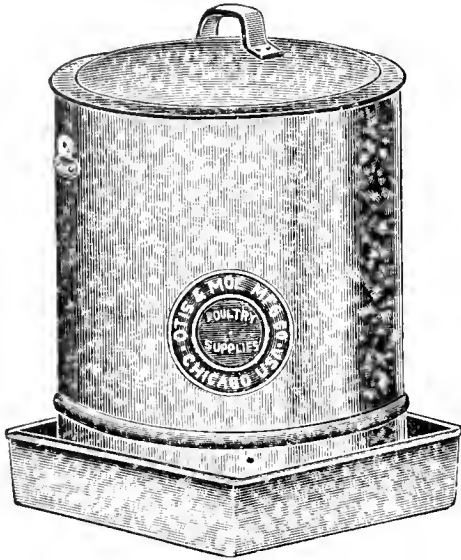
Are made of fire clay, highly glazed, therefore easily cleaned, and can be kept absolutely sanitary at all times. 7 inches in diameter, heavy and cannot be tipped over.

No. 1 ..... Price, 30c; postpaid, 45c  
No. 2 ..... Price, 35c; postpaid, 47c

## THE MOE LINE

is made of the best quality heavy galvanized sheet steel, special tight coated stock, free from imperfections.

### IMPROVED TOP FILL FOUNTAIN



Made of heavy galvanized iron, with double walls, which keeps the water cool in summer, and retards freezing in winter. Feeds automatically, no valves to get out of order. Fills from the top, thus avoiding the annoyance of spilling over while being filled. Thoroughly sanitary and as easily cleaned as an ordinary pail.

Can be hung up out of the litter, and the square pan gives drinking facilities for two pens at the same time.

Fill the fountain in the morning and the chickens have an all day's supply of pure water at just the right temperature.

The best and most popular fountain on the market.

No.			
1—1 Gal. size	\$1.60	postpaid	\$1.75
2—2 Gal. size	2.60	postpaid	2.75
4—4 Gal. size	3.10	postpaid	3.30

### BOTTOM FILL FOUNTAIN



This fountain fills the breeder's requirements for a good, inexpensive article. Made in two pieces accurately stamped and formed. Easily filled and cleaned. The round taper shape prevents bursting from freezing. Made of best quality galvanized iron in three popular sizes.

No.			
19—1 qt.	.25	postpaid	.35
20—½ gal.	.35	postpaid	.45
24—1 gal.	.50	postpaid	.60

### DRY MASH HOPPER

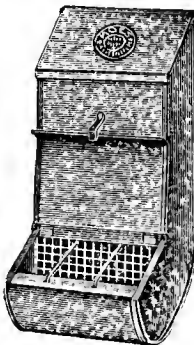
A Dry Mash Hopper of great merit, made of heavy galvanized iron. The curved bottom keeps the feed within easy reach of the birds, and the taper shape of the hopper—larger at the bottom—prevents the feed from clogging.

The wire grid and the wires running from the flange through the wire grid prevent the fowls from throwing out or wasting the feed.

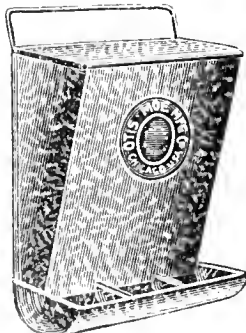
The sloping top prevents them from roosting on the hopper.

When both covers are closed it is rat, mouse and weather proof.

No.			
36—12 in. wide, holds 14 qts.	\$2.05	Postpaid	\$2.15
13—18 in. wide, holds 22 qts.	2.35		2.55
37—24 in. wide, holds 32 qts.	3.00		3.25



### GRIT AND SHELL BOX



The feeding of grit, ground shells, and charcoal is now recognized as an essential part of the diet, to keep fowls in healthy prime condition. There is no more economical method of supplying grit, etc., than with these practical inexpensive compartment boxes. No solder used in their construction.

Can also be used as feed hoppers for little chicks.

This self-feeding box can be set on the floor or hung on the walls as desired. The birds can help themselves at all times and the supply is kept clean.

Made of heavy galvanized iron in two sizes.

No.			
9—3 compartment	.35	postpaid	\$1.00
90—4 compartment	1.20	postpaid	1.35

### SINGLE FEEDING TROUGH

For Chicks and Growing Stock



No.			
56—18 inch	.30	Postpaid	.40

57—24 inch	.40	Postpaid	.50
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### DOUBLE FEEDING TROUGH

For Chicks and Grown Stock



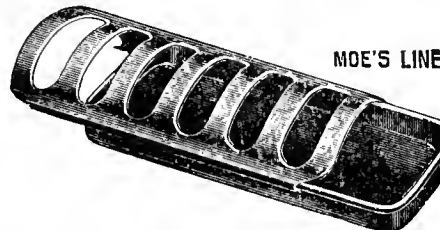
59—18 inch	.45	Postpaid	.55
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60—24 inch	.55	Postpaid	.65
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Made of best quality galvanized iron. No sharp or rough edges to injure the birds. Sliding top. Easily cleaned.

### SANITARY FEEDING TROUGH

FOR FULL GROWN CHICKENS



Suitable for dry feed, wet mash, or water. For grown fowls.

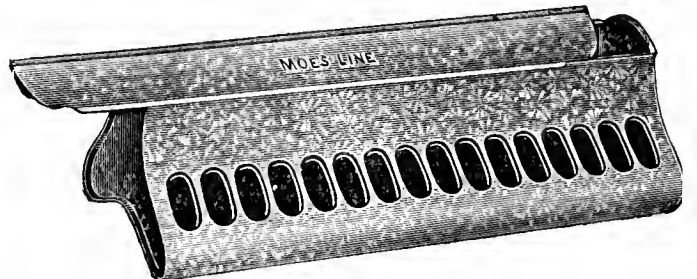
The tops slide off, the pan can be easily cleaned, and filled.

Made of best quality galvanized iron. The edges of the slotted openings are all turned over and smoothly finished.

No sharp or rough edges to injure the birds. The feed saved by using troughs will more than pay their cost in a short time. Made in two sizes.

No.			
22—18 inch	.50	postpaid	.60
23—24 inch	.65	postpaid	.75

### PEERLESS FEEDER

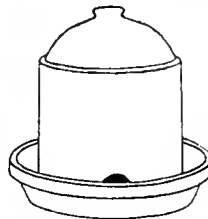


The finest Feeder made to care for both large and small flocks. A wonderful Feeder for young growing stock, and a great time labor saver when chicks are raised in large numbers. Made of heavy galvanized iron with a large capacity.

Sliding top cover, easy to fill and clean, and the birds can not roost on the cover to foul the feed.

Feeder, capacity 10 quarts; 32 openings, 16 on each side, \$1.20, postpaid, \$1.40.

### BUTTERMILK STONE FOUNTAIN



Are not affected by milk acids, makes an absolutely safe and sanitary feeder for buttermilk and sour milk. Made in two pieces. ½-gal., 75c; 1 gal., \$1.00.

By Express or Freight Only

### AMERICAN FOUNTAIN AND FEEDER

#### BEST FOR BABY CHICKS

Fits Any Mason Jar  
Easy to Clean



The American Fountain and Feeder is easy to fill and very easy to clean; will fit any size Mason jar. Considered the best on the market. They lock by a twist of the wrist.

We sell Fountain and Feeder only, as Mason jars are obtainable anywhere.

1 Feeder, galvanized, 25c, postpaid, 30c.	
3 Feeder, galvanized, 60c, postpaid, 68c.	
6 Feeder, galvanized, \$1.10, postpaid, \$1.20.	

FOR BABY CHICKS SEE PAGE 123





LAGER'S BABY CHICKS

For several years the State Nursery and Seed Co. has handled Lager's Baby Chicks and Hatching Eggs. Orders mailed to the State Nursery and Seed Co. should be made out on separate order sheets to insure prompt attention.

NOTICE—A deposit of \$2.00 per hundred is required with order. We advise placing orders early to insure prompt delivery on the dates you wish.



PRICE LIST FOR 1932

	March 1 to May 1 Per Hundred	May 1 to July 1 Per Hundred		March 1 to May 1 Per Hundred	May 1 to July 1 Per Hundred
S. C. White Leghorns .....	\$13.00	\$11.00	S. C. Buff Orpingtons .....	\$14.00	\$12.00
S. C. Brown Leghorns .....	13.00	11.00	White Wyandottes .....	14.00	12.00
S. C. Buff Leghorns .....	13.00	11.00	S. C. Black Minorcas .....	14.00	13.00
S. C. Reds .....	14.00	12.00	Silver Laced Wyandottes .....	15.00	13.00
R. C. Reds .....	14.00	12.00	Jersey Black Giants .....	18.00	15.00
Barred Rocks .....	14.00	12.00	Mixed Heavies .....	13.00	10.00
White Rocks .....	14.00	12.00	Mixed, All Breeds .....	12.00	9.00

NOTICE—IN LOTS OF 50 ADD \$1.00 PER 100; IN LOTS OF 25 ADD \$2.00 PER 100 TO ABOVE PRICES

Mammoth Bronze Turkey Poults.....Flock Matings 65c Each Special Matings \$1.00 Each  
Above Prices Include Transportation Charges

IF YOU HAVE NO WAY OF HATCHING YOUR HEN OR TURKEY EGGS WE WILL DO YOUR INCUBATING AT PRICES STATED BELOW:

Custom Hatching—Hen Eggs:		Shipping boxes furnished.
100.....	5c per egg	
500.....	4½c per egg	We do not pay transportation charges on custom
1,000.....	4c per egg	hatching.

ANTI-SEPTOL LIQUID

Anti-Septol, used in filling the Kalvig Vermin Proof Roosts, is an antiseptic oil or germicide, a special compound, having incorporated the following, together with other ingredients: Pine tar, eucalyptus, etc.

Anti-Septol is a deodorant, antiseptic and parasiticide, and will purify the air, and is recommended in treatment of bad colds, roup, chicken diphtheria, tuberculosis, etc.

For persons having croup or bad colds in chest or throat, mix half Anti-Septol and half melted lard, sprinkle on woolen cloth and apply to chest or throat. Cloth should be warm. This will in most cases give instant relief.

Anti-Septol is also recommended for hog flu. When used for hog flu spray bedding once a week for two weeks.

Anti-Septol is used successfully by many stockmen and farmers as a fly spray for cattle, hogs, etc.

Packed in 1-gallon cans. Price, \$1.25 per gallon.

Conkey's Y-O

Concentrated Dry Powder Form of Yeast with Cod Liver Oil (Rich in Vitamins A, B and D)

There is nothing finer than Conkey's Y-O to mix in with poultry mashes. Its use at every stage of growth is urged because of the great benefit. 1% in baby chick mashes serves as a prevention of leg weakness. Absolutely indispensable in raising chicks in backward season with little or no sunshine, as it is rich in Vitamins A and D (the "sunlight vitamins"). In addition, the B vitamin in Y-O insures complete, rapid development, giving birds capacity and stamina for future production. Wonderful for growing stock. Absolutely necessary for continued heavy egg production as it replaces the vitamins used up in forming rich egg yolks. Hens won't break down as layers if given 2%-3% of Y-O with mash feed. For breeding stock it's wonderful, as it improves quality of the eggs, fertility and hatchability. Stop low hatches and high chick mortality by mixing Y-O with the mash feed.

NEW LOW PRICES

Due to the increasing volume of Y-O business and economy in manufacturing you get this saving.

Price—1 lb., 55c, postpaid, 60c; 2 lbs., \$1.00, postpaid, \$1.12; 5 lbs., \$1.85, postpaid, \$2.05.

By express or freight, 25 lbs., \$7.50; 50 lbs., \$14.00; 100 lbs., \$22.50.

LEE'S GERMOZONE

A tonic; a bowel regulator; a system builder. The best preventive and cure for Roup, Cholera, Bowel Complaint and most poultry diseases. In more general use today than any other poultry remedy. Given twice a week in the drinking water to all fowls. It keeps them in prime condition. No poultryman should be without Germozone. Put up in tablets. Price, 25c, postpaid, 27c; large size, 75c, postpaid, 78c.

DRY SEPTOL

Kills Lice and Mites in Hen Nests

Dry Septol is a granulated antiseptic compound having many of the same ingredients as our liquid Anti-Septol but in dry form, and is especially adapted for use in hens' nests—2 table-spoonfuls placed in one corner under the nesting material in each hen's nest about once every 3 or 4 weeks, and we guarantee there will be no lice or mites to bother the hens. For setting hens that have to stay on their nest for 3 weeks at a time, it is a blessing. It keeps the nest clean from vermin and while it will destroy the insects it will not harm the germination of hatching eggs. The fumes are highly antiseptic. Often the setting hens die on their nests from mites. One or two live hens would pay for enough Dry Septol for all your hens' nests. Why take a chance, when Dry Septol will keep the nests clean from vermin? Where Kalvig Vermin Proof nests are used Dry Septol is not needed.

Packed in 1-gallon pails. Price, \$1.25 per gallon.

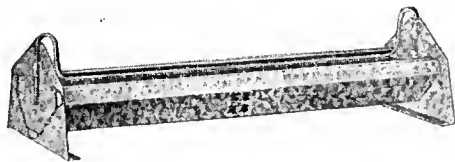
HUDSON HANDY FILL CHICK FOUNTAIN



This fountain is made of heavy galvanized iron in two pieces. The top is made with two-way swinging bail which permits fountain to be carried either filled or in filling position. The one-piece drinking pan with smooth rolled edge is especially designed for small chicks and prevents them from getting into water and contracting cold and diseases. No other fountain on the market with these desirable features. Bottom snaps onto pail in the same manner as a glove fastener. Nothing whatever to get out of order. Easy to fill. Easy to clean.

No. C3—3-gal. size, \$1.55, postpaid, \$1.65.

HUDSON CHICK FEED TROUGHS



This trough is suitable for day-old to six-weeks-old chicks. V-shaped bottom and flanged edge prevents waste, wire top guard is adjustable and prevents chicks from getting into feed trough.

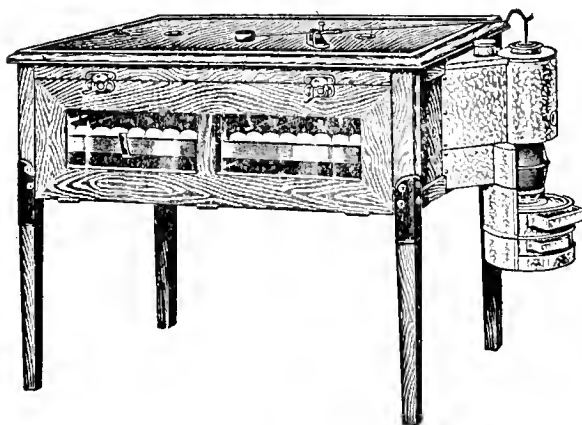
Easily filled and cleaned.

No. OF18—18-inch .....	30c	postpaid 40c
No. OF30—30-inch .....	50c	postpaid 60c

# MAKOMB INCUBATORS AND BROODERS

FAMOUS FOR BIG HATCHES OF STRONG HEALTHY CHICKS. HATCHES EVERY HATCHABLE EGG

The Incubators and Brooders offered have been selected for their proved efficiency as hatchers and chick-raisers. They are the products of the world's largest manufacturer. NOTE NEW LOW PRICES.



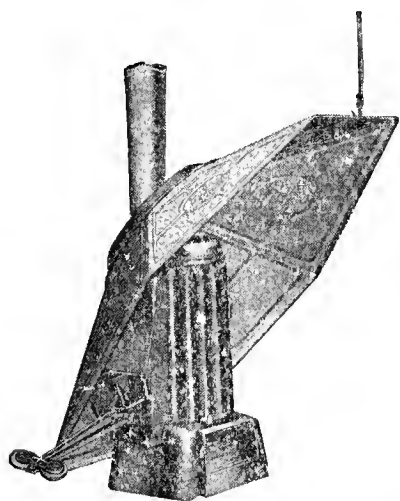
## The Popular MAKOMB INCUBATOR

In addition to operating features that insure the most efficient incubation and greatest convenience, MaKomb Incubators incorporate the highest grade of cabinet construction, giving them both the appearance and durability of fine furniture.

Side, top, bottom and end rails of 2-inch first grade, clear lumber are mortised and tongued together, affording firm and permanent seats for all hinges and other attachments. The sides consist of a double wall of Redwood, with Celotex insulation between. A heavy top molding secures the Redwood panel top which is also Celotex insulated. Moisture and air are regulated with precision by improved methods.

150-egg	.....108 lbs.	\$24.50	600-egg	.....224 lbs.	\$54.25
300-egg	.....141 lbs.	28.75	900-egg	.....324 lbs.	72.00
450-egg	.....162 lbs.	46.00	1200-egg	.....448 lbs.	108.00

The first three sizes are carried in stock. The last three sizes, namely, 600, 900 and 1200, are priced F. O. B. Eastern factory.



## The "MAKOMB GIANT" Coal Brooder

The three requirements for the ideal brooder are Coal Capacity, Control and Convenience. "MaKomb" coal capacity is 30 to 40 per cent greater by actual test.

### Soft Coal Handles Like Hard Coal in the MaKomb Giant

With the patented BY-PASS CONTROL found in no other brooder, high winds blow without effect because the check damper when open pulls all the draft from the ash-pit through the by-pass and not through the fire. This absolutely prevents the fire running away. It takes this patented by-pass to handle soft coal perfectly.

### READ THESE SUPERIORITYES

Largest Actual Coal Capacities—42 in., 35 lbs.; 52-in., 52 lbs.; 62-in., 73 lbs.  
By-Pass Control—Patented, superior.  
Removable Baffle Plate—Easy to clean.  
Exclusive Tilting Canopy—A revelation in convenience.  
Five-inch Stove Pipe—None bigger.  
One-piece Barrel—No joints, gas-proof.  
Heavy Rocker Grates—Large in area.

### GIANT SPECIFICATIONS

	Chick Capacity	Coal Capacity	Price Each
47-in. Giant	350	35 lbs.	\$17.50
56-in. Giant	600	52 lbs.	22.00
65-in. Giant	800	73 lbs.	26.00

By freight or express.

NOTICE—WE ADVISE OUR CUSTOMERS TO ORDER EARLY AND AVOID BEING DISAPPOINTED

REG. U.S. PAT. OFF.  
**CELO-O-GLASS**  
U.S. PATENT 1,580,237

## CEL-O-GLASS INCREASES POULTRY PROFITS

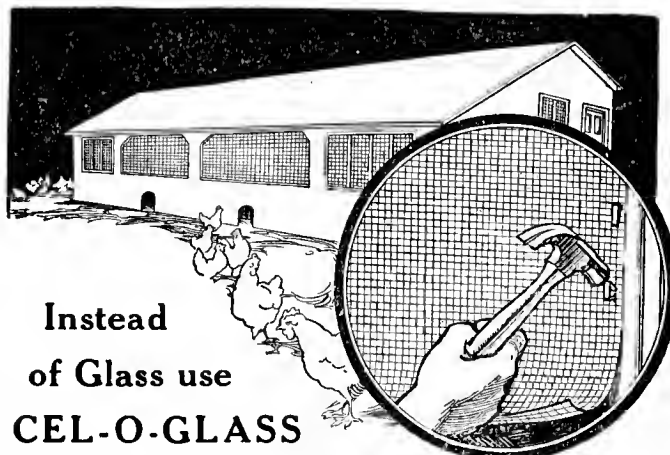
Use it anywhere you use Glass for Light. A positive means for bringing the Ultra-Violet Rays of the Sun Indoors

CEL-O-GLASS has all the advantages of glass without any of its disadvantages. CEL-O-GLASS is a strong, durable, highly translucent material made by coating tough wire mesh with a transparent substance that lets through practically as much light as clear glass. CEL-O-GLASS is a high grade, low priced substitute for glass. It is unaffected by rain, hail, snow, sun or wind and can be bent or cut to any desired shape and is practically indestructible. Note—New Low Prices.

### LIST OF CEL-O-GLASS USES

Laying Houses	Dog Kennels	Health Windows
Brooder Houses	Turkey Houses	Sun-rooms
Dairy Barns	Back Porches	Cellar Windows
Hog Houses	Front Porches	Garages
Milk Houses	Sleeping Porches	Interior Skylights
Cold Frames	Storm Windows	Partitions in Offices
Hot Beds	Storm Doors	

For longest life, install on vertical frames to swing in and to the side or up under the roof when not in use.



Instead  
of Glass use  
**CEL-O-GLASS**

Width of Roll	Length of Roll	Equals	Per sq. ft.	Price per Roll
28 in.	25 ft.	58 1/2 sq. ft.	13 1/2 c sq. ft.	\$ 7.88
28 in.	50 ft.	116 1/2 sq. ft.	or 31 1/2 c per running ft.	15.75
28 in.	100 ft.	232 1/2 sq. ft.	running ft.	31.50
28 in.	less than 25 ft.	roll 15c per sq. ft. or 35c per running ft.		
36 in.	25 ft.	75 sq. ft.	13 1/2 c sq. ft.	\$10.13
36 in.	50 ft.	150 sq. ft.	or 40 1/2 c per running ft.	20.26
36 in.	100 ft.	300 sq. ft.	running ft.	40.52
36 in.	less than 25 ft.	roll 15c per sq. ft. or 45c per running ft.		

NOTICE—ABOVE PRICES ARE PREPAID

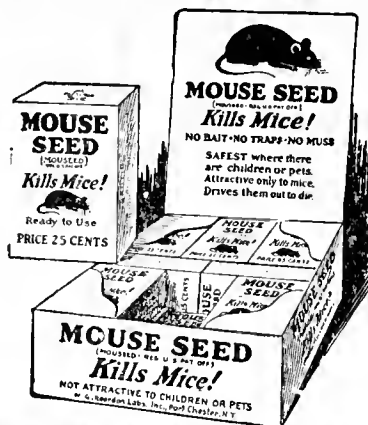
# MOUSE SEED

(MOUSESEED)

**"Not a mouse in the house for 25c"**

The safer, surer, quicker exterminator. Tiny natural seeds treated chemically. Attractive to mice, unattractive to household pets. Ready to use. Cleanly. No bother or muss. Results are quickly obtained. Full directions in every package.

Package, 25c, postpaid, 28c; 1-lb. pkg., \$1.50, postpaid, \$1.60.



**"A saucer and the seed is all you need"**

## ANT KILLER

A VERY EFFECTIVE AND MUCH NEEDED PRODUCT FOR USE EVERYWHERE

### Suggested Directions

Sprinkle a small quantity of the Key Brand Ant Killer around the ant holes. The ants carry the preparation into their holes, where they eat it and die. A very small quantity will quickly kill off the entire colony.

When the preparation is to be used on lawns, golf courses, etc., where the ant holes are not visible, it should be placed on small boards in the locations where the insects congregate, moving the boards frequently, so that the grass beneath them will not die out. Also be careful not to spill any of the KILLER on the grass, as it will burn the grass.

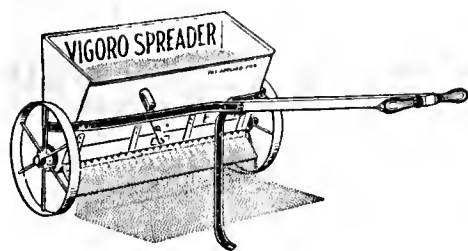
Packed only in individual Improved Containers. Price, 50c, postpaid, 60c; \$5.50 per dozen by express.

## NITRATE OF SODA

Stimulates the Production of Plants

A fertilizer for all crops, quick in action and hastens the maturity of crops fully two weeks. Being quickly soluble, it should not be applied until the plants are above the ground, when 200 to 300 lbs. per acre is sufficient. Usually in combination with other chemical fertilizers. Nitrate of Soda is the best form in which nitrogen can be restored to the soil. It is of special value for crops such as Peas, Corn, Beets, Cabbage, Sugar Beets, Potatoes, Sorghum, etc., also small fruits. Nitrate of Soda does not exhaust the soil. Do not allow solution to touch foliage. Dissolve 1 oz. to 2 gals. or 1 lb. to 50 gals. 2 lbs., 25c, postpaid, 35c; 5 lbs., 60c, postpaid, 78c; 10 lbs., \$1.10, postpaid, \$1.38; 100 lbs., \$10.00, F. O. B. Helena.

## VIGORO SPREADERS



Junior Spreader



The Little Spreader

These Seeders and Spreaders were especially designed for small lawns. Merely fill the hopper from the container (your hands need not touch the material). The Junior holds 25 lbs. Get the slide and run it over the lawn, so simple, so easy, a child can run it. Spreads 14 inches wide and operates faster than a lawn mower. Very substantially constructed and has a quick-acting slide adjustment; spreads accurately and uniformly in any quantity desired of all grass seeds, plant food, etc. No seeds or fertilizer wasted, leaves no ridges or bare spots on the lawn. It sows close to the ground and avoids the loss by wind.

Use the Vigoro Spreaders in spring, summer and fall. Then use it in winter also for spreading sand or salt on icy walks and drives. Saves time, labor; seed and plant fertilizer. Prices—The Junior Spreader, \$7.00; the Little Spreader, \$2.35—F. O. B. Helena.

## PLANT FOODS AND FERTILIZERS



**EXCELSIOR PLANT FOOD**—The original odorless house plant food. Produces vigorous healthy growth. Endorsed by the leading horticulturists, private and market gardeners, and park superintendents. 5-oz. pkg., 25c, postpaid, 33c; 12-oz. pkg., 50c, postpaid, 58c.

## BONE MEAL

A well known fertilizer for all purposes, safe and effective. 1 lb., 10c, postpaid, 15c; 10 lbs., 65c, postpaid, 90c; by express or freight, 25 lbs., 95c; 50 lbs., \$1.65; 100 lbs., \$3.00.

# STIM-U-PLANT

PLANT STIMULANT TABLET

THE MAGIC FERTILIZER IN TABLET FORM

## GLORIOUS GARDENS—PERFECT HOUSE PLANTS

The most modern, efficient and scientific method of fertilizing growing plants.

As every kind of plant grows in the garden, orchard, and farm, feed it along with Stim-U-plant tablets. These tablets contain highly concentrated, immediately available forms of plant food for use in stimulating fruit, flower, vegetable, and ornamental plants, and may be used in liquid or tablet form.

They increase production, hasten maturity, improve quality and better the color of the plants and products. Their use is highly profitable, for all these benefits cost only a fraction of a cent for each application.

Once in the soil they immediately dissolve and mingle with the soil-water, pass into the root hairs and roots to begin feeding the plants. No matter how fertile the soil may be, Stim-U-plant is effective in feeding the crops because of its rich, available food content. Full directions on every package.

Small size, 30 tablets.....\$ .25 postpaid \$ .30  
Medium size, 100 tablets......75 postpaid .85  
Large size, 1,000 tablets.....3.50 postpaid 3.70

## SHEEP FERTILIZER—Peerless Brand

A Good Fertilizer for the Lawn and Garden

As a spring or fall top-dressing for lawns. No offensive odor, and no unsightly chunks to rake off. The first shower or watering carries the soluble particles down to the roots, and rapidly produces a most luxuriant growth. SHEEP FERTILIZER is good for securing rapid growth and adds humus to soil.

For general use apply 50 lbs. to every 100 square feet; 600 to 800 lbs. per acre for lawns. For general field and garden use, 1 ton per acre.

100-lb. sack, \$2.00; 50-lb. sack, \$1.25; 25-lb. sack, 80c.

Price F. O. B. Helena, by express or freight.  
For larger quantities write for special prices.

## SULPHATE OF POTASH

A well known fertilizer, it increases the quality of crops and is an essential chemical plant food element. It is especially recommended for vegetables and root crops. It makes a fine summer stimulant to growing crops, applied at the rate of 1 oz. to 2 gallons of water, or sprinkle around plants and water in thoroughly.

Price—25-lb., \$1.40; 100-lb., \$4.00.

# VIGORO

Complete plant food

THE SECRET OF GARDENING SUCCESS

Amazing results can be obtained by use of a complete, scientifically balanced plant food, especially prepared.

Such a food is Vigoro. It gives plants all the elements they require, each in the proper proportion.

Clean, odorless, pleasant to handle and can be sown by hand like grass seed. Feed your lawns, flowers, vegetables, shrubs, and trees with Vigoro to give them the nourishment they absolutely require for healthy, vigorous growth.

Trial package, 10c, postpaid, 18c; 5 lbs., 60c, postpaid, 78c; 25 lbs., \$2.00, postpaid, \$2.45.

By express or freight, 50 lbs., \$3.75; 100 lbs., \$6.00.





# SEED INOCULATION



Inoculated Roots  
Roots like this mean bigger  
yields—better soil

## STIMUGERM LEGUME INOCULATION

The Best Inoculation for All Legume Seeds  
MEANS BETTER CROPS—BETTER SOILS

### LESS FERTILIZER EXPENSE

STIMUGERM is a culture of bacteria especially selected and bred for maximum vitality and ability to form nodules and take nitrogen from the air. We believe in inoculation and we recommend STIMUGERM as the most dependable inoculant offered for sale. We urge that all legume seeds purchased from us be inoculated with STIMUGERM before planting. EVERY PACKAGE IS DATED and guaranteed for one year.

### A Sensible Insurance and a Profitable Investment

We believe in inoculation, we favor the pure jelly medium, and we believe in STIMUGERM. We recommend that all legume seeds purchased from us be inoculated before planting.

NOTICE—BOTTLES ARE ABOUT QUARTER FULL

### IMPORTANT NOTICE

Always State Kind of Seed  
You Wish to Inoculate

(One bushel size contains sufficient bacteria to thoroughly inoculate one bushel of designated variety of legume.)

### NEW LOW PRICES

For Small Seeds—Clovers,  
Alfalfa, etc.

¼ bu. size	.....\$ .35
½ bu. size	......60
1 bu. size	.....1.00
2½ bu. size	.....2.25

Prices for Large Size Seeds,  
Soy Beans, Cowpeas,  
Peas, Beans, etc.

½ bu. size	.....\$ .35
1 bu. size	......60
2 bu. size	.....1.10
5 bu. size	.....2.25

Garden Size for Peas, Beans,  
and Sweet Peas, 25c

By using STIMUGERM you will insure large, luscious peas and beans, and abundant sweet pea blossoms of wonderful coloring.

INOCULATE  
FOR  
LARGER  
CROPS  
OF  
BETTER  
QUALITY.  
ENRICH  
THE SOIL.

## USE THE OLD RELIABLE

*McQueen's Inoculator*

SOIL BACTERIA of proven worth for use with Legumes  
FOR ALFALFA, CLOVERS, SOYBEANS, PEAS, BEANS, VETCH, PEANUTS, etc.  
Increases Crops, Hastens their Maturity, Enriches the Soil.

### NATURE'S OWN FERTILIZER

Simply mix the INOCULATOR with the seed, either with or without water. As plants grow, nodules form on the roots and fill with Nitrogen, which becomes valuable plant food.

### A RECOGNIZED PRODUCT FOR SEVENTEEN YEARS

The bacteria in McQUEEN'S INOCULATOR are field bred and have survived the intense processing that all McQueen cultures must undergo before they are ready for use. THEY ARE VIGOROUS NODULE PRODUCERS. Look for the name McQUEEN'S; demand the genuine. No other equals it.

THE ONLY INOCULATOR GUARANTEED TO PRODUCE NODULES; otherwise goods will be replaced or the purchase price refunded.

NEW LOW PRICES—Order for the amount of seed you wish to treat.

For Alfalfa and all types of Clover,  
including Bur and Hubam

½ bu. size ( 30 lbs. seed)	.....\$ .50
1 bu. size ( 60 lbs. seed)	......75
2½ bu. size (150 lbs. seed)	.....1.50
5 bu. size (300 lbs. seed)	.....2.25

### GARDEN PACKET

For Peas, Beans, Limas,  
Sweet Peas  
Per packet.....15c

For Soybeans, Vetches, Peas, Beans,  
Cow Peas, Lespedeza, etc.

1 bu. size ( 60 lbs. seed)	.....\$ .50
2 bu. size (120 lbs. seed)	......75
5 bu. size (300 lbs. seed)	.....1.50
10 bu. size (600 lbs. seed)	.....2.25

ALWAYS STATE KIND OF SEED YOU WISH TO INOCULATE



Showing Fertilispray Sprayer  
or nozzle attached to hose  
and in operation



### FERTILSPRAY SPRAYER

For applying Concentrated  
Fertilizer and Soil Condition-  
er, attaches to garden hose.

Price, 50c, postpaid, 55c.

## FERTILSPRAY CONCENTRATED FERTILIZER

Adapted for Easily and Evenly Applying with the Garden Hose

A very highly water soluble concentrated FERTILIZER and PLANT FOOD, especially prepared for Lawns, Flowers, Shrubbery and Gardens.

Supplies NITROGEN, PHOSPHORUS, POTASH and other necessary plant food elements.

Promotes healthy growth and rich color to foliage.

Contains no germs, odor, or weed seeds.

Will not leach from the soil and may be applied any time as it positively cannot burn.

Cost is only \$1.50 per carton covering 1,000 square feet and containing more actual plant food than is in bulky fertilizers costing more.

Why tolerate offensive odors, dirt, germs and unsightliness, as well as invite soil pests and flies, with growth of weeds and objectionable grasses?

You Must Water—You Must Fertilize—Do Both at Once

CARTON AND SPRAYER, \$2.00, POSTPAID, \$2.15



Per Carton  
\$1.50  
Postpaid \$1.65

# SEED DISINFECTANTS

Control Seed-borne Diseases  
of Farm Crops  
Stimulate Germination  
Improve Stands  
Increased Yields of Higher  
Quality

Prevent Disease Losses by Using Du Bay  
Seed Disinfectants



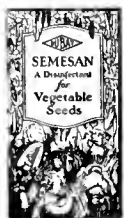
Increase Farm Profits and  
Gardening Pleasures  
Give Your Seed the Advantage  
Over Unfavorable Weather  
and Costly Blighting  
Diseases

## SEMESAN—For Vegetable and Flower Seeds

Diseases often reduce germination and result in a poor stand, lowered quality and reduced yield of vegetables and flowers. Kill these harmful disease organisms on the seed with Semesan before planting. Semesan may be applied as a dust or liquid and is harmless to seeds. Effective in controlling damping-off of seedlings and certain cuttings. Full directions in can for use on vegetable and flower seeds and bulbs. Prices—2 oz., 50c; 8 oz., \$1.60; 1 lb., \$2.75; 5 lbs., \$13.00; 25 lbs., \$56.25.

## CERESAN—For Seed Grains

Why lose part of your grain crops through smuts and other diseases? Prevent them and protect your profits by treating all seed grains with Ceresan before sowing. Effective in controlling stinking smut and seed-borne flag smut of wheat; seedling blight of cereals caused by seed-borne scab; smuts of oats; covered smut and stripe of barley; kernel smuts of sorghums and millets; and seed-borne stem smut of rye. Seed may be treated in spare time. Ceresan is harmless to seed and does not injure grain drills. Only 2 ounces needed per bushel of seed wheat, rye, sorghums or millets and 3 ounces for oats and barley. Prices—1 lb., 75c; 5 lbs., \$3.00; 25 lbs., \$12.50.



### FREE BOOKLETS

Like the ones illustrated above are sent on request. Name subject on which you want full information.

## SEMESAN BEL—For Seed Potatoes (New Improved)

Potato diseases cause a loss equivalent to the yield of 1 acre in every 5 or 6 acres planted. Much of this loss can be prevented by treating seed before planting with Semesan Bel, the instantaneous dip disinfectant. Effective in controlling such seed-borne diseases as scab, rhizoctonia and black leg. Protects seed piece from rotting caused by certain soil-borne organisms, improves germination and usually produces a bigger crop of better quality. Cost 1½ to 3 cents per bushel. One pound treats 70 to 80 bushels of seed. Prices—4 oz., 50c; 1 lb., \$1.75; 5 lbs., \$8.00; 25 lbs., \$31.25.

## SEMESAN JR.—For Seed Field and Sweet Corn

Our corn crop is reduced over 80 million bushels annually by diseases that are carried on the seed. Destroy these costly diseases by treating your seed corn with Semesan Jr. Simple, quick, effective. Costs only 2½c an acre. Harmless to seed, does not slow up the rate of drop. Semesan Jr. destroys harmful disease organisms on the seed, protects seed from rotting in cold wet soil, makes earlier planting possible, controls seedling blight, reduces root and stalk rots and generally increases crop yields. Use 2 oz. per bushel of seed. 4 oz., 50c; 1 lb., \$1.75; 5 lbs., \$8.00; 25 lbs., \$31.25.

NOTICE—Sold Only in Sizes Stated Above



NOTICE—If Wanted by Mail Add Postage

TREAT ALL SEEDS BEFORE PLANTING WITH DUBAY DISINFECTANTS

## ATLACIDE NON-POISONOUS WEED KILLER AND DUSTER

Atlacide Non-Poisonous Weed Killer and Duster exterminates all undesirable vegetation, including Poison Ivy, Canada Thistle, Johnson Grass, etc., without danger of poisoning humans or animals. Simply shake powder from can on the weeds and grasses to be killed. Especially recommended for obtaining weed-free driveways, paths, tennis courts and gutters.

1-lb. Duster ..... 50c each, postpaid, 60c  
(Kills 100 sq. ft. of weeds)

### Bulk Sizes for Refilling Duster or for Making Solution

50-lb. Drum ..... 21c per lb.  
(Kills 5,000 sq. ft. of weeds)  
100-lb. Drum ..... 20c per lb.  
(Kills 10,000 sq. ft. of weeds)  
200-lb. Drum ..... 19c per lb.  
(Kills 20,000 sq. ft. of weeds)



## BLACK FLAG

Black Flag Powder kills flies, roaches, ants, bedbugs, moths, fleas, plant lice. Black Flag Powder is not a poison. Full directions on every package. Price—Small size, 15c, postpaid, 21c; medium size, 40c, postpaid, 47c; large size, 75c, postpaid, 83c. Use a small hand duster for best results. See page 133.

## DR. WILSON'S DUST AND SPRAY MASK

Don't breathe poisonous and irritating dust and spray. Dr. Wilson's Dust and Spray Mask gives protection to the throat and lungs and does away with the annoyance to the dusting and spraying operations. Whenever you have to work with dust or sprays wear this efficient health protector. Highly recommended. Price, \$2.25, postpaid. Extra filters, 10 for 25c, postpaid. See cut.



## FLY TOX

An insect spray that is sure death to flies, fleas, bedbugs, roaches, ants and mosquitoes. Harmless to people or animals—not a poison. Guaranteed to kill, or money refunded. To obtain best results use a hand sprayer.

½-pint, 40c, postpaid, 50c; 1 pint, 60c, postpaid, 70c; 1 quart, \$1.00, postpaid, \$1.12.



# INSECTICIDES AND FUNGICIDES

FOR INSECT PESTS AND FUNGUS GROWTHS

Include Insecticides with Your Order. You Are Sure to Need Them Later.



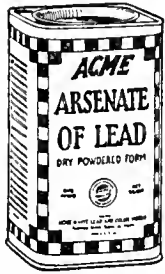
## ACME PARIS GREEN

A rich emerald color and of fine fluffy physical character. Containing 55% arsenious oxide, it will give quickest control where extreme measures are necessary.

For use on: Potatoes, use 3 teaspoonfuls to gallon of water or 1 lb. to 50 gallons for potato bugs, also to mix with arsenate of lead for fruit tree spraying where quick results are necessary.

Prices— $\frac{1}{4}$ -lb., 20c; 1 lb., 50c; 5 lbs., \$2.25; 14 lbs., \$5.25.

Ask for Price on Larger Quantities



## ACME ARSENATE OF LEAD

The most favored arsenical insecticide found on the American market. It is safest to use on tender foliage and sticks well on the leaves. Recommended for fruit trees, vegetables, bushes (3 teaspoonfuls to gallon of water). Can be used as dust or spray.

Prices— $\frac{1}{2}$ -lb., 25c; 1 lb., 45c; 4 lbs., \$1.25.

Ask for Price on Larger Quantities



## ACME GARDEN GUARD

A garden insecticide and fungicide for use as a dust. No water, no mixing, no muss.

For use on: Cabbage, cauliflower, tomato plants, melon vines, currants and gooseberries and other vegetables, and flowers and shrubs of many kinds.

Prices—1 lb. sifter carton, 35c, postpaid, 43c; 5 lbs., 90c, postpaid, \$1.05.



## ACME BORDEAUX MIXTURE

Prevents large losses caused by blight, rot, mildew, scab, anthracnose and certain other fungus diseases. It stimulates plant growth and greatly increases the harvests. Almost every kind of vegetable, fruit and shrub can be greatly improved by the early use of Bordeaux Mixture. Use 8 level tablespoonfuls to gallon of water; 5 lbs. to 50 gallons of water.

Prices—1 lb., 40c, postpaid, 48c; 4 lbs., \$1.00, postpaid, \$1.13.

Ask for Price on Larger Quantities



## ACME ALL AROUND SPRAY

Flowers, vines, shrubs, roses, vegetables, need protection same as commercial crops. All Round Spray contains the three leading remedies used by all large growers. Arsenate of Lead, Nicotine Sulphate and Bordeaux Mixture.

Perfect protection for the small user is assured by complete directions in form of spraying guide attached to every package.

Prices— $\frac{1}{4}$ -lb., 45c, postpaid, 50c; 1 lb., 90c, postpaid, \$1.00.



## ACME BAIT-M (Will Kill CutWorms)

An effective insecticide bait which will throw a ring of protection around shrubs, flowers and plants in garden and lawn.

For use against snails, cut worms, sow bugs, grasshoppers and many other insects which migrate along the ground.

Prices—1 lb., 40c, postpaid, 49c; 3 lbs., 75c, postpaid, 85c.



## ACME LIME SULPHUR

A standard 33° Baume lime and sulphur converted into a dry powder but having all the effectiveness of the liquid product when dissolved in water.

For use in dormant spraying against scale, peach blight, leaf curl and twig borer. Summer spraying against scab, soot, blotch, red spider and mite.

Prices—1 lb., 35c, postpaid, 45c; 5 lbs., \$1.50, postpaid, \$1.68.

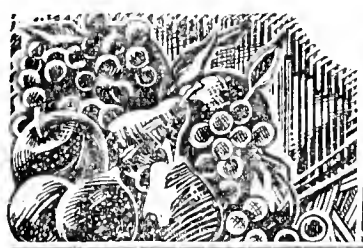


## ACME SPRAY SOAP

A (fish oil) soap effective in destroying many sucking insects and lice on plants, trees, ferns, etc. Also used extensively with cylinder oils in making oil emulsions to reduce the surface tension.

In use with Nicotine greatly increases the value of that spray.

Prices—1 lb., 35c, postpaid, 45c; 5 lbs., \$1.50, postpaid, \$1.68.



## ACME SPRAYING GUIDE

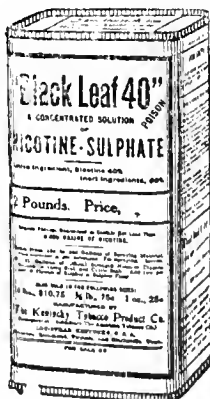
Compliments of  
Acme White Lead and Color Works  
Detroit, Michigan

WHEN AND WHAT TO SPRAY

Write for this Fine Guide Free



## "BLACK LEAF 40"—40% Nicotine



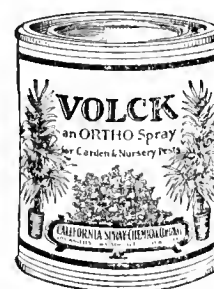
Is well known both as a dip for livestock and as a spray for vegetables and flowers. It destroys Aphis (plant lice), Thrips, Leaf-hoppers on all tree, bush and vine fruits, vegetables, field crops, flowers and shrubs; also Apple Red Bug, Pear Psylla and similar soft-bodied sucking insects—all without injury to foliage. May be combined with other sprays. As a Livestock Dip it is absolutely the best and it is recommended by the Livestock Sanitary Board of Montana as being practically the only dip that will kill Scab Mites.

For Dairy Cows it is especially valuable as it kills lice, ticks and mites. Wash thoroughly the infected parts of the dairy cows, which are generally the root of the tail, withers, etc. Full directions on every package.

1 oz.—\$ .35, postpaid, \$ .40	makes 6 gallons
5 oz.—\$1.00, postpaid, \$1.10	makes 25 to 75 gallons
1 lb.—\$2.50, postpaid, \$2.60	makes 80 to 240 gallons
2 lbs.—\$3.75, postpaid, \$3.90	makes 160 to 500 gallons
5 lbs.—\$7.00, by express	makes 400 to 1250 gallons
10 lbs.—\$11.85, by express	makes 800 to 2500 gallons



got, as well as the strawberry crown borer, is hatched from eggs deposited on the plants by the maggot fly. This fly dislikes the odor of the spray, and will not deposit the eggs where the odor is present. Carco is highly recommended by market gardeners and large growers of vegetables. Pint, 75c, postpaid, 90c; quart, \$1.25, postpaid, \$1.45; gallon, \$2.50, by express only—F. O. B. Helena.



**VOLCK**—A powerful Insecticide for nursery, greenhouse and garden. Volck gives results because it successfully controls scale, mealy bug, white fly, red spider and mites, aphid, caterpillars and rose mildew, and all leaf eating insects on fruit trees and all kinds of nursery stock, etc.

$\frac{1}{2}$ pint	.....\$ .50, postpaid, \$ .60
Pint	......75, postpaid, .85
Quart	.....1.00, postpaid, 1.17
Gallon	.....3.00, postpaid, 3.25

## CARCO-ROOT MAGGOT PREVENTIVE

A wonderfully effective spray for destroying grubs, maggots and worms in the soil, which infect TURNIPS, RADISHES, BEETS, CAULIFLOWER, CABBAGE, ONIONS, etc., and highly recommended for use in combating CROWN BORERS in strawberries. The root maggot, as well as the strawberry crown borer, is hatched from eggs deposited on the plants by the maggot fly. This fly dislikes the odor of the spray, and will not deposit the eggs where the odor is present. Carco is highly recommended by market gardeners and large growers of vegetables. Pint, 75c, postpaid, 90c; quart, \$1.25, postpaid, \$1.45; gallon, \$2.50, by express only—F. O. B. Helena.



# INSECTICIDES AND FUNGICIDES

**SLUG SHOT**—(Hammond's)—A light non-poisonous composite fine powder for killing Potato Bugs, Currant and Cabbage Worms, Green and Black Fly, Beetles and Caterpillars. Not injurious to persons or animals. Easily distributed by duster, bellows or in water by spraying. Full directions on each package. 1-lb. perforated box, 35c, postpaid, 40c; 5 lbs., 85c, postpaid, \$1.00; 10 lbs., \$1.50, postpaid, \$1.70.

**GRAFTING WAX**—Superior quality Grafting Wax.  $\frac{1}{4}$ -lb., 25c, postpaid, 28c;  $\frac{1}{2}$ -lb., 40c, postpaid, 48c; 1 lb., 60c, postpaid, 68c.

**PRUNING OR TREE PAINT**—You will find this much more effective in stopping "bleeding" of the sap after pruning trees, shrubbery, etc., than tar and other mixtures sometimes used. It effectively seals the surface and will not wash off with the weather. Pruning Paint is also an excellent preventive for worm boring. 1-quart can, \$1.20, postpaid, \$1.35; gallon, \$3.00, by express only.

**TREE TANGLEFOOT**—The best remedy against ants, caterpillars and all tree crawling insects. Will remain sticky for three months. 1 lb., 60c, postpaid, 70c; 5 lbs., \$2.75, postpaid, \$2.93.



**EVER GREEN**  
KILLS ANTS AND GARDEN INSECTS

## PROTECT YOUR GARDEN

A powerful, deadly, highly concentrated solution that kills all plant insects. Extremely effective. Yet absolutely non-poisonous to humans and pets because its active principle content is pyrethrum. Will not burn, blight or stain tender foliage. May be used on fruits or vegetables before eating. Economical for garden or greenhouse. 1 oz. makes 6 gallons of spray for Aphids. Killing power always uniform. Never decomposes. Kills caterpillars, Mexican bean beetle, cucumber beetle, aphids, leaf hoppers, leaf rollers, cut worms, thrips, white fly, Japanese beetle and many others. Full instructions with every bottle. Easy to use.

Pleasant odor. Does not corrode your sprayer. 1-oz. bottle, 35c, postpaid, 40c; 6-oz. bottle, \$1.00, postpaid, \$1.10; pint, \$2.00, postpaid, \$2.10; 1 quart, \$3.50, postpaid, \$3.62; 1 gallon, \$11.50, by express only.

**COPPERCARB**—(For wheat treatment)—A 20% copper carbonate powder for dusting to prevent smut on wheat, sorghums, oats, etc. More convenient and economical than the wet formaldehyde method. Treated seed germinates much better. Use three ounces (equals 3 heaping tablespoons) Coppercarb to a bushel of grain. It is easy to apply and holds its effectiveness for six weeks. 5 lbs., \$1.25, postpaid, \$1.43.

**CORONA 50% COPPER CARBONATE**—(For wheat treatment)—Use 3 ozs. (equals 3 heaping tablespoons) of Corona 50% Copper Carbonate to bushel of grain. 5 lbs., \$1.85, postpaid, \$2.05.

**DUSTING SULPHUR**—Used in greenhouses for checking mildew.  $\frac{1}{2}$ -lb., 25c, postpaid, 30c.

**CUT WORM KILLER**—See Acme Bait-M.

**BUG DEATH**—A highly effective non-poisonous insecticide and fungicide; kills many chewing insects. A safe insecticide to use. Contains no highly dangerous poisons, no arsenic or Paris green. Harmless to man, birds, bees or animals. Especially recommended for use on house plants. 10-oz. package, 25c, postpaid, 33c.

**WEED KILLER**—Killing weeds thoroughly by application of this liquid has become general. It is a great labor saver. Use only on paths, drives, gutters and places where no growth is wanted. Apply after rain, while ground is moist, and will absorb the liquid to the roots of grass and weeds. One gallon will make 50 gallons, sufficient to cover 100 square yards of surface. Prices—1 quart, 75c, postpaid, 90c; gal., \$2.25, by express only.

**NAPHTHALENE**—A soil insecticide, prevents and repels all soil pests such as cut worms, slugs, snails, centipedes, ants, beetles and other insects. Prices—1 lb., 25c, postpaid, 33c; 2 lbs., 40c, postpaid, 52c; 4 lbs., 75c, postpaid, 93c. For larger quantities write for prices.

**SULPHATE OF POTASH**—SEE PAGE 125

SEE PAGE 138 FOR PRACTICAL FARM AND GARDEN BOOKS

## CYANOGENAS—(Kills)

IT'S EASY TO KILL RODENT PESTS NOW



When used as per directions it gives off a gas that is deadly to rodent and insect pests, and kills them almost immediately. Cyanogas will kill gophers, rats and mice, ants, fleas, moles, snails, slugs, squirrels, wire worms, etc. The pests don't have to eat Cyanogas or even touch it. It gets them wherever they are; none can escape it. Cyanogas is easy, quick and thorough. "It kills."

**Cyanogas — Granular**—To use with a spoon. 1-lb. can, 75c, postpaid, 85c; 5-lb. can, \$2.00, postpaid, \$2.18; 25-lb. can, \$6.00; 100-lb. can, \$20.00, by express or freight.

**Cyanogas — A Dust**—Quick acting; can be used in the Cyanogas duster. 1-lb. can, 75c, postpaid, 85c; 5-lb. can, \$2.50, postpaid, \$2.58; 25-lb. can, \$6.00; 100-lb. can, \$20.00, by express or freight.

**CYANOGENAS DUSTER**—SEE PAGE 133



## GAS BALLS

Kills squirrels, gophers, and prairie dogs at a small expense and no danger to stock, non-explosive, non-poisonous to handle and sure to kill. Just light sharp edge of gas ball and roll into the hole, and cover so the fumes cannot escape.

Price—Doz., 50c, postpaid, 60c; carton of 125, \$3.75, postpaid, \$3.90.

## GOPHER POISON

Kill-Em-Quick

Kills gophers, squirrels, prairie dogs and field mice. Endorsed by the U. S. and Canadian Governments, County Agents, Farmers' Clubs, etc. Is found to be economical and effective. Best, cheapest and safest. Full directions on every package. Satisfaction guaranteed or money refunded. Ready to mix with your own grain. Package sufficient for 40 acres, 75c, postpaid, 83c; 100 acres, \$1.50, postpaid, \$1.60.



## FLYOSAN

SAFE INSECTICIDE

Kills Flies by the Roomful—Mosquitoes, Too

### THE STRANGEST WAY TO KILL FLIES YOU EVER SAW

Just spray Flyosan into the air of a closed room; in five minutes all the flies are dead—mosquitoes, too.

Flyosan is an effective deodorizer and cleanser, harmless to human life, non-poisonous, non-injurious to fabric or woodwork. Indispensable for use in the home, factory, store, restaurant, bakery, on the farm or any other place. Kills flies, moths, roaches, water bugs, bed bugs, fleas, lice, mosquitoes, ants, and all insects. Directions on every package.

Combination (sprayer and pint can).....	\$1.10	Postpaid	\$1.22
Pint .....	\$ .60	Postpaid	\$ .72
Quart .....	1.00		1.12
$\frac{1}{2}$ -gallon .....	\$1.85	Postpaid	\$2.02
1 gallon .....	3.50		3.77

FOR  
LIVESTOCK  
AND  
DAIRY



DISINFECTANT  
DEODORANT  
STERILIZER

NOT A POISON

Write for booklet. Prices—10-oz. bottle, 60c, postpaid, 75c; 1 quart, \$1.25, postpaid, \$1.45, by express only; gallon, \$3.00; 5 gallons, \$12.50, F. O. B. Helena.

SEE PRATT'S S-H GERM KILLER—PAGE 117

## GARDEN HOSE

Electric is a hose you can twist, tie in knots, yank and haul without even a kink, and that means leakproof, lasting service.

Electric Hose cannot kink because it is built like a cord tire. Just as a cord tire is reinforced by its network of cords, so Electric Hose is given strength by braided jackets of sturdy seine cord. These are surrounded by layers of tough new rubber. Nothing can tear them apart. Outside a heavy ribbed "tread," or covering, of new Ceylon rubber, protects the Hose just as the tread protects a cord tire. It is free from defects.

Electric Hose is acknowledged today to be the best Hose that can be procured at any price. "Wears like a pig's nose."



## ELECTRIC HOSE

Couplings attached per foot	Couplings attached per foot
1/2-inch—25-foot length.....19c	1/2-inch—50-foot length.....17c
5/8-inch—25-foot length.....19c	5/8-inch—50-foot length.....18c
3/4-inch—25-foot length.....20c	3/4-inch—50-foot length.....19c



## BLACK FIN

**BLACK FIN**—Considerably cheaper Hose than Electric, but one we can recommend.

Couplings attached per foot	Couplings attached per foot
1/2-inch—25-foot length.....18c	1/2-inch—50-foot length.....17c
5/8-inch—25-foot length.....11c	5/8-inch—50-foot length.....10c
3/4-inch—25-foot length.....12c	3/4-inch—50-foot length.....11c

## COMPETITIVE HOSE

Cheaper than Black Fin; one we can recommend for those who do not want to invest much money.

5/8-inch—25-foot length.....\$2.50 5/8-inch—50-foot length.....\$3.75  
**Extra Hose**—3/8-inch for Perfection, Economy, Thrifty, and Junior Sprayers—20c per foot in any length.

**HOSE WASHERS**—Fits 1/2, 5/8, 3/4 inch—per doz., 10c, postpaid, 12c.

## A New and Better GARDEN GLOVE



## National Eezy Wear

Garden Gloves

Made from special imported hides processed to render them amazingly soft and pliable. Permit almost barehand freedom yet provide complete all-leather protection. Ideal for garden and similar uses.

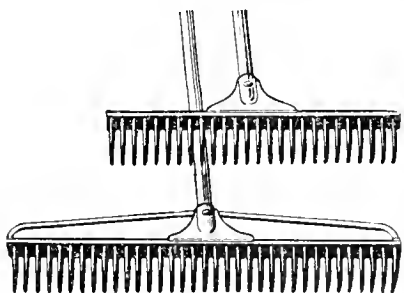
**Dirt-proof—Durable—Washable**

This is the first time we have ever offered an all-leather garden glove with these special qualities at such a low price.

"MEDIUM" size for women; "LARGE" size for men. Price—75c a pair; 2 pairs for \$1.40, postpaid.

## SABIN "GUMFINGER" LAWN RAKES

An Ideal Gardening Tool



The teeth are live, resilient rubber, stiff enough to rake clean, but flexible enough not to tear or uproot the grass.

Rakes cleanly over rough surfaces. The rubber teeth adjust themselves to every irregularity in the ground.

Light and easily handled, its live springy action makes it ideal for the person who enjoys working in their garden and yard. There is no risk of injury if this rake is left with the prongs turned upright.

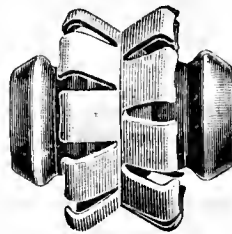
"Gumfinger" Lawn Rakes are tough and resist wear. They can't rust or break. Price, each, 16-inch, \$1.10, postpaid, \$1.20.

## HOSE MENDERS



**COOPER HOSE MENDERS**—(Brass)—For joining a broken hose, cut through and insert the mender. No clamps required—1/2, 5/8 or 3/4 inch. **State size wanted.** Each, 10c, postpaid, 12c; doz., \$1.00, postpaid, \$1.10.

**PERFECT CLINCHER HOSE MENDER**—No wiring, no screws, no tools needed except a hammer; no obstruction in the hose; a boy can use them and make a perfect mend; a one-piece article which does the work of the mender and tube and two clamps ordinarily used. 1/2, 5/8 or 3/4 inch. **State size wanted.** Price, each, 15c, postpaid, 17c; doz., \$1.55, postpaid, \$1.70.



## HOSE COUPLINGS

**"PERFECT CLINCHING" HOSE COUPLINGS**—Slip it in the hose and hammer down—that's all. A self-fastening coupling, that does not require extra bands, bolts, or wires. It adjusts itself to any thickness of hose. A fixed hold—it will not pull off. It cannot turn within the hose, a great gain over other couplings. A smooth joint with no projecting parts. A perfect joint that cannot leak. The harder the pressure, the tighter it gets. The tough brass in the



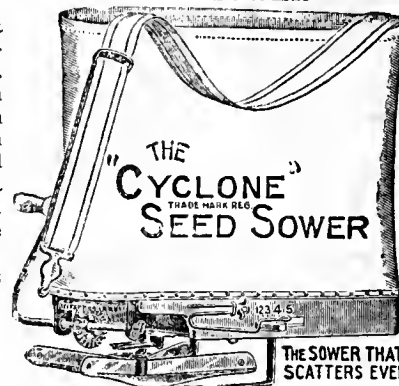
clamping fingers permits taking off and using again. Strong and durable at every joint. 1/2, 5/8 or 3/4 inch. **State size wanted.** Price, 25c, postpaid, 28c; doz., \$2.75, postpaid, \$2.87.

**HOSE WASHERS**—Fit 1/2, 5/8, 3/4 in. Per doz., 10c, postpaid, 12c.

## THE CYCLONE SEEDER

THE WORLD'S STANDARD SEED SOWER

CAN SOW fifty acres in a ten-hour day—seeded evenly, thoroughly and easily. That's what you can do with a Cyclone Seeder. Use it with any seeds that can be sown broadcast or with ground bone, ashes or fertilizer—a Cyclone will pay for itself in three hours' work, because its absolutely even distribution will make three bushels to the work of four. Each, \$2.15, postpaid, \$2.25.



THE SOWER THAT SATISFIES

## THE CYCLONE PLANTING AND PICKING BAG



A combination of convenience and comfort for the one who plants potatoes, picks apples, or gathers seed corn, etc.

Makes a nice clothespin bag for the laundry lady.

Is nicely made from heavy duck and has a heavy adjustable web strap.

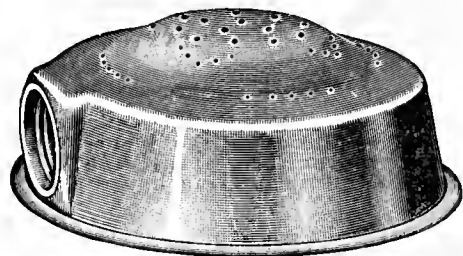
The mouth of the bag is fitted with a steel frame which keeps it open. It hangs in comfort and leaves both hands free. Price, 75c, postpaid, 85c.

## HELENA

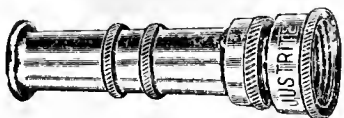
is a city of wonderful shipping facilities, the home of the STATE NURSERY AND SEED CO., where we handle Peerless Flower, Vegetable and Field Seeds, Bulbs, Shade and Fruit Trees, Small Fruits, Hardy Shrubs, House and Garden Plants, Poultry Remedies and Supplies, Insecticides, Hand Sprayers, Dusters and Barrel Pumps, Garden Tools and Requisites. Also manufacturers of Poultry and Dairy Foods. We are no farther away from you than your TELEPHONE or TELEGRAPH station. HELENA has AIR MAIL SERVICE. Every order is given as much attention as is humanly possible.

YOURS FOR SERVICE AND QUALITY

## LAWN SPRINKLERS

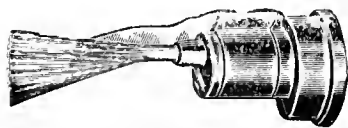
**THE SQUARE FOUNTAIN SPRINKLER**

The lower holes throw a wide spreading square, from the crown is omitted a volume of smoky mist that is unsurpassed for beauty. It gives an even distribution seldom equaled. It will sprinkle the side of your house, along the walk and reach the passerby. It is not necessary to sprinkle half the grass twice to get over it, thus covering the ground with the least water. Made of heavy brass. Price, 65c, postpaid, 75c.



**JUSTRITE SPRAY NOZZLE**—The brass nozzle for hand use; will throw a straight stream, also fine or coarse spray, and the shut off is positive, without the possibility of leakage; recommended by all. Price, 50c, postpaid, 55c.

**CHAMPION NOZZLE**—Two in one combination nozzle and sprinkler; the water volume is as great with spray as with solid stream. There is no shut off and, therefore, no back pressure on the hose. Spray is graduated by the revolving sprayer plate. Price, 45c, postpaid, 55c.

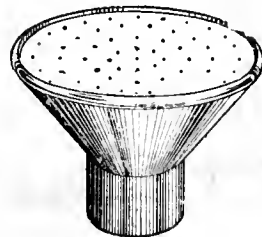


Champion Nozzle



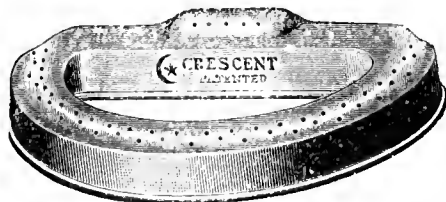
Twin

**"TWIN" SPRINKLER**—See cut. Made of zinc metal and cannot rust. Will cover the lawn evenly for 16 feet radius. Very popular. Price, 45c, postpaid, 51c.

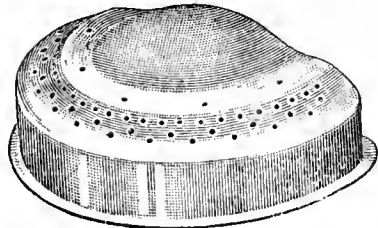


**"ROSE" or "BOSTON" SPRINKLER**—A good serviceable, low priced sprinkler, throwing the well known rose spray. Works well on either high or low pressure. Made of brass with a heavy cast brass base. Price, \$1.00, postpaid, \$1.10.

**CRESCENT SPRAYER**—A sprinkler that throws all the water to the front and sides, leaving the sidewalk dry. Price, 95c, postpaid, \$1.05.



**"HANDY" FOUNTAIN SPRINKLER**—Not very big, costs very little; but it sprinkles as much ground as the big ones. It throws all the water away from the hose end, giving a beautiful fountain spray. No tipping over; just walk up to it and adjust it after the water is turned on. When held in the hand is splendid for sprinkling flowers. The weight of the metal and shape make it proof against hard knocks. Made of heavy No. 22 gauge brass. 4½ inches long by 2¼ inches high. Price, 50c, postpaid, 55c.



**FAN SPRINKLER NO. 8**—Made of zinc metal and shaped so that it will water a bed on one side only. A most convenient sprayer. Price, 35c, postpaid, 40c.

**C. B. G. SPRINKLER**—"Cheap but Good"—Is deservedly very popular on account of low price. Price, 35c, postpaid, 45c.

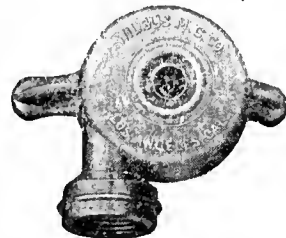


C. B. G.

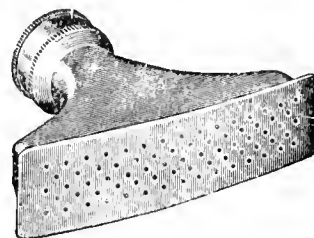


Fan

**FLARING ROSE SPRINKLER**—Especially adapted for flowers and delicate foliage. It throws a fine spray that can be placed exactly where you want it without waste of water. Price, 60c, postpaid, 65c.

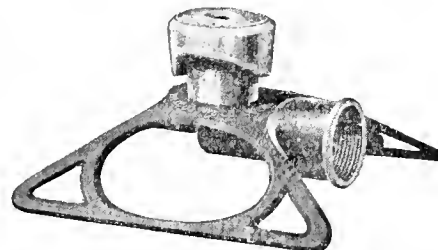


Wilgus No. 1

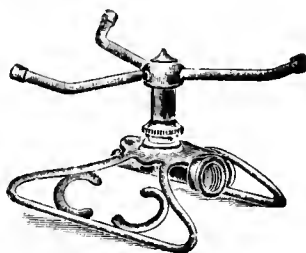


**"WILGUS" NO. 1**—The original Wilgus Sprinkler; one of the leaders of the type, and one of the best. Works well on all pressures. Price, 60c, postpaid, 65c.

**"WILGUS" NO. 21**—This Sprinkler is mounted on a heavy cast iron base, japanned. Meets the desire for a sprinkler that will not turn over, no matter what pressure is on hose and at same time can be moved on the sod like runners. Water is delivered in a very fine spray even on a light water pressure. Price, \$1.25, postpaid, \$1.35.

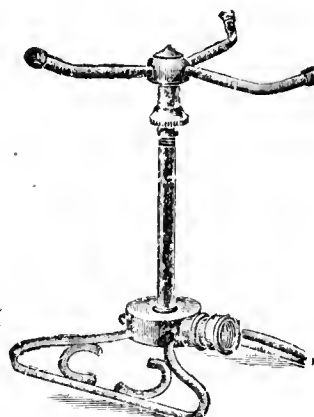


Wilgus No. 21



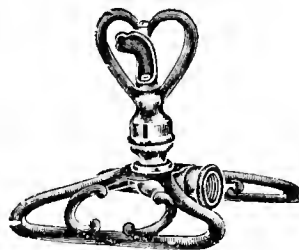
Zenith

**ZENITH SPRINKLER**—Represents a new principle in revolving sprinkler heads, friction being almost eliminated, and reducing leakage to a minimum. The Zenith is mounted on a sled as shown in cut. Height, 5 inches. A very useful sprinkler. Price \$1.50, postpaid, \$1.65.



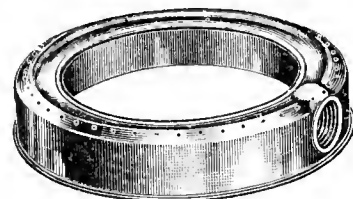
Anaconda

**THE ANACONDA**—Same as the Zenith—except the height which is 11 inches. Price, \$1.75, postpaid, \$1.85.



Busy

**THE BUSY**—One of the best distributors of water on the market. Cover: a circle of about 30 feet in diameter, very uniformly. The Busy is a very popular sprayer. Price, \$1.10, postpaid, \$1.25.

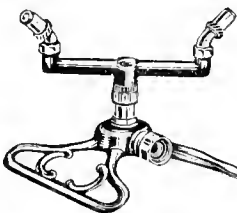


Ring

**RING SPRINKLER**—Made entirely of heavy sheet brass and measures about 8 inches in diameter. The Ring throws a fine mist, covers a large circle, and can be conveniently moved about without shutting off the water. Guaranteed to stand water pressure of any municipality. Price, 95c, postpaid, \$1.05.

## PARKSIDE LAWN SPRINKLER

(New Improved)



A new Lawn Sprinkler satisfactory for any kind of a sprinkling condition; will operate efficiently with a high or low water pressure. Has numerous applications, from sprinkling a fine mist to a coarse stream, from an extremely large circle to the smallest circle. For stationary sprinkling over a small concentrated or large area. Price, \$2.50, postpaid, \$2.65.



Scollay Rubber Sprayer

**SCOLLAY RUBBER SPRINKLER**—For spraying small plants. An ideal one for house use. When once used you will wonder how you got along without it. Will last a lifetime. The Best Rubber Sprayer Made. Price, \$2.00, postpaid, \$2.10.



## SPRAYERS

## HUDSON PERFECTION SPRAYER

## The World's Standard



The Perfection Sprayer has a tank made like a steam roller. The all-riveted seams give the necessary strength for developing a high pressure which is absolutely essential for good results. The tank is 7½ inches in diameter, 20 inches long, capacity 4 gals., weight 10 lbs. The hose is 5-ply, nozzle is of the automatic type. This sprayer will handle whitewash, paints, Bordeaux Mixture, Paris green, etc., with equal facility. For very heavy liquids use the extra nozzle cap which is furnished with the sprayer. The Perfection has the distinction of combined simplicity, convenience, strength, and service. Furnished in galvanized steel. Price, \$6.50, postpaid, \$6.75.

**We Keep on Hand Extra Parts for Perfection, Economy, Thrifty and Junior Sprayers**

Perfection nozzle, \$1.50, postpaid, \$1.60; outside disk, 10c; inside disk, 10c; fine spray disk, 10c; washer, 6c; nozzle cap, 50c; nozzle screen, 10c; ball, 25c; gaskets, 15c; shoulder strap with snaps, 35c; valve spring for bottom of pump, 15c; handle, 35c, postpaid, 45c; pump plunger, leather, 10c; nozzle and extension rod with hose and clamps attached, \$2.25, postpaid, \$2.35.

## HUDSON ECONOMY SPRAYER

Second only to our Perfection Sprayer; made practically the same as the Perfection, but of a little lighter material. Capacity approximately 4 gallons. Price, \$5.00, postpaid, \$5.25.

## HUDSON THRIFTY SPRAYER

Is designed to give the purchaser the greatest possible value at an attractive price, made practically the same as the Perfection but of a smaller capacity. About 3¼ gallons. Price, \$4.00, postpaid, \$4.25.



## HUDSON JUNIOR SPRAYER

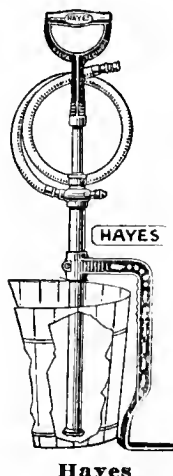
The Junior Sprayer is made for the man who needs a high pressure compressed air sprayer smaller than the Perfection. It is particularly adapted for the backyard garden or small truck farm, for use around the chicken house, in the dairy barn, hog pen, or for disinfectants in hotels, restaurants, theatres and other public buildings. It will do any work the larger models can, for it differs only from the Perfection in capacity. It is substantially made and will give entire satisfaction. Tank 6½ inches in diameter, 17 inches long; capacity about 2½ gallons. Made of first quality galvanized steel. Price, \$4.50, postpaid, \$4.75.

**Extra Hose, ¾-Inch, for Perfection, Economy, Thrifty and Junior Sprayers, 20c per Foot in Any Length**

## HAYES BUCKET PUMP

All working parts are brass, solid bronze ball valves, malleable iron foot rest, double acting, discharges one-half the solution on both the up and down stroke, giving continuous spray. Light in weight, easy to carry, yet a strong and powerful pump made of tested materials, strong and substantial, they will give long wear and satisfactory service. Will develop strong pressure. Price, \$5.25, postpaid, \$5.50.

8-foot galvanized extension, \$1.50, postpaid, \$1.60. Bucket clamps, 50c each, postpaid, 60c.



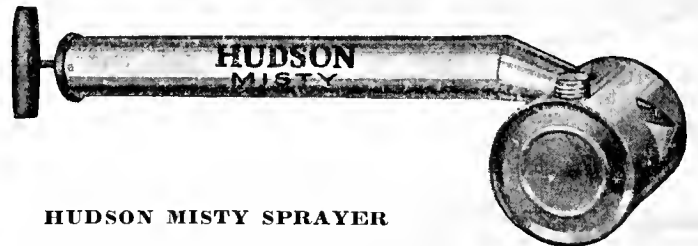
Hayes

**SPRAY NOZZLES for PUMPS—See page 133**



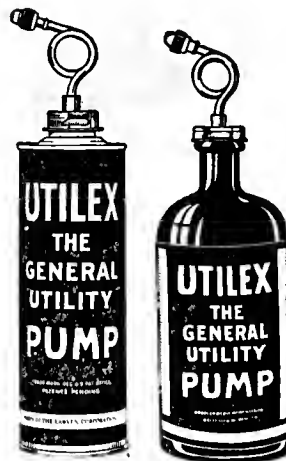
## HUDSON MIDGET SPRAYER

**HUDSON "MIDGET" SPRAYER**—A small, compact, substantial and very efficient sprayer. The Midget is ten inches long, capacity one pint. Throws a fine uniform spray, and is an indispensable aid to the housewife for spraying house plants. Price, 35c, postpaid, 45c.



## HUDSON MISTY SPRAYER

**HUDSON MISTY SPRAYER** is used to apply all kinds of insecticides on plants, etc. Unsurpassed for applying all kinds of stock dips and fly killer on cattle and horses, also for disinfecting poultry house, barns, etc. Made of good tin and holds 1 quart. Price, 50c, postpaid, 60c.

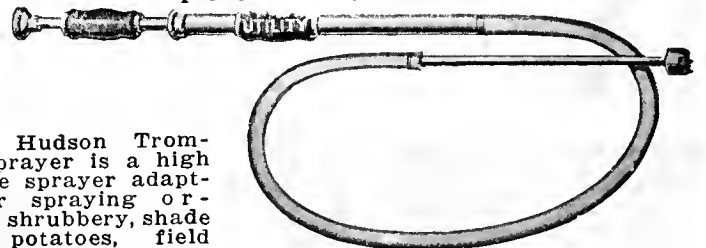


## UTILEX SPRAYER

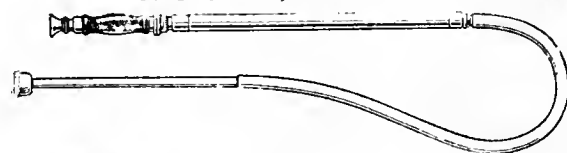
**"Puts the Liquid Where You Want It" Stream or Spray**

The general utility sprayer is a popular article for use in the home, laundries, dry cleaners, painting and decorating, in the garden, in fact can be used for all purposes; you can use oil, kerosene, gasoline, water, polishes, insecticides, Semesan, disinfectants, etc. Very convenient for spraying indoor plants and flowers. Utilex is an all brass pump which fits into either of two containers. Tin or glass. See illustration. Full directions enclosed with each sprayer. Price, 75c, postpaid, 85c.

No. C-Tin. No. B-Glass.

HUDSON TROMBONE SPRAYER  
Improved Double Action

The Hudson Trombone Sprayer is a high pressure sprayer adapted for spraying orchards, shrubbery, shade trees, potatoes, field crops; for whitewashing, disinfecting, washing windows and automobiles, fighting fires and numerous other purposes. It is double acting, maintaining a steady discharge. May be used with a bucket, barrel or tank fitted with all purpose nozzle which produces any desired type of spray from a fine mist to a solid stream. Price, \$4.00, postpaid, \$4.25.

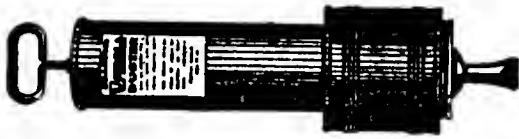
THE STANDARD SPRAY PUMP  
A One-Man, One Hundred-Purpose Pump

As supplied for spraying from bucket.

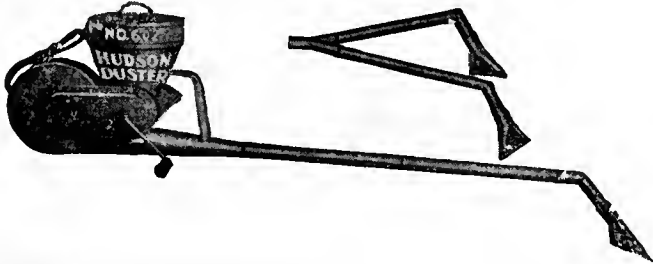


Using the Standard Pump with bucket and long hose

Used with bucket, knapsack, tank or barrel for spraying orchards, gardens, vineyards, also whitewashing, disinfecting poultry houses, killing vermin on stock, etc. It is made entirely of brass with two solid brass valves, no leather suckers or washers, no casting to rust, no leaking joints, no lost motion, nothing to get out of order. The accompanying illustration shows the standard spray pump attached to bucket with 30 feet of hose, enabling the operator to walk around without moving the bucket, covering the entire tree from the ground without the use of elevated platforms or ladder. Equipped with combination nozzles producing a fine mist—a wide spray 15 to 20 feet, or a solid stream 50 to 60 feet. Guaranteed 5 years. Price, each, \$6.00, postpaid, \$6.25.

**CARBOLA HAND DUSTER**

This little Hand Duster is so constructed that it emits powder in clouds of the right consistency. The Carbola Hand Duster is the most efficient Duster on the market, and no other dusting device in its class can approach it for efficiency, ease of manipulation, simplicity and durability. It is so simple in construction that it eliminates all trouble. Price, \$1.25, postpaid, \$1.35.

**HUDSON HAND DUSTER**

The Hudson Duster develops an unusually powerful air blast. It delivers sufficient air at the nozzles to prevent clogging, and to break the powder into a fine floating dust. The oscillating agitator keeps the powder from caking in the hopper and also feeds the powder down into the delivery spout. It can be set to feed exactly the amount of powder required. Will handle any powder, whether light or heavy. Capacity 5 to 10 pounds, depending on the powder used.

Made of lead-coated steel throughout, neatly painted and finished. Gears are steel, run in oil, reducing wear and noise. Gear case is oil and dust proof. Discharge equipment consists of two nozzles, two elbows, a wye connection, and four 15-inch tubes. This permits the use of one or two nozzles. Equipment can be arranged to dust plants from above or from the under side. Price, \$13.50. If wanted by mail add postage.

**THE AMERICAN BEAUTY DUSTER**

The most powerful hand duster made. Has a large, powerful bellows, that throws dust to the tops of trees. A man will average eight acres per day on trees. Dusts truck crops at an average walking speed, and dusts the under side of leaves. Has a spiral agitator that crushes and grinds the dust and feeds directly into the moving air blast; does not choke or clog. Has an efficient regulator for discharge control. It is considered the standard of efficiency by all authorities. Price, \$18.00. Write for leaflet of the American Beauty Dust Sprayer.

**HUDSON MAJOR DUSTER**

USED FOR CYANOGAS TO KILL GOPHERS

This model of Major Duster is designed for handling Cyanogas. Equipped with 12-inch pipe extension and a 12-inch piece of flexible tubing. This may be attached directly to the duster, then the hose slipped on the far end. This equipment facilitates reaching underground passages of gophers, rats, moles and other burrowing pests.

May also be used in the back yard garden, barnyard, on truck and field crops, dusting vines and plants, etc.

Large filler cap facilitates loading. Strainer designed to prevent clogging and to insure uniform volume of discharge. Price, \$1.50, postpaid, \$1.60.

**CORPORAL HAND DUSTER**

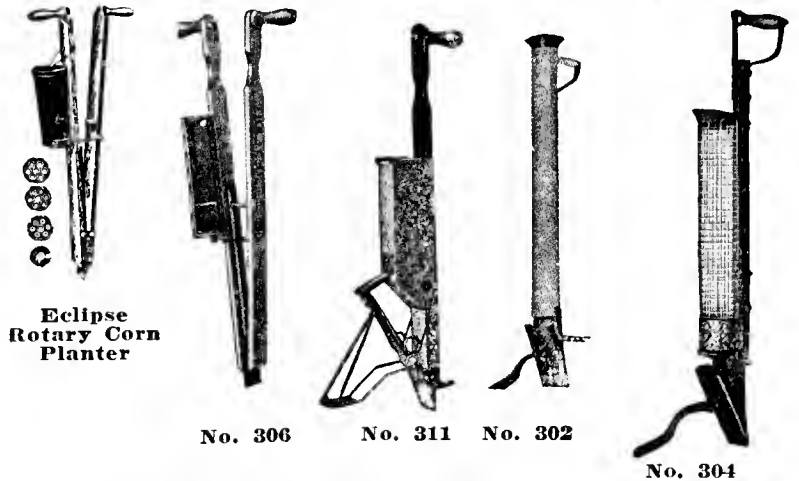
A duster for the housewife. Efficient but of small capacity. Will handle any insect powder to exterminate roaches, ants, waterbugs, etc. Also for house plants. Price, 15c, postpaid, 20c.

**CORN AND POTATO PLANTERS**

**ECLIPSE ROTARY CORN PLANTER**—The Eclipse is the most perfect Rotary Corn Planter on the market, having a positive feed and four changes of discs. It is extremely simple and works much easier than other styles. Highly recommended. Price, \$2.25, postpaid, \$2.45.

**ACME CORN PLANTER NO. 306**—Works in any soil; has a flexible and adjustable iron drop, and does not wear the brush. It has an iron seed box and iron channel. Strong, durable, reliable and gives universal satisfaction. Each, \$1.60, postpaid, \$1.75.

**SEGMENT CORN PLANTER NO. 311**—(See illustration). An all-metal Planter which is operated by a spring with the foot; strong, reliable tool. Each, \$2.00, postpaid, \$2.15.



**ACME POTATO PLANTER NO. 302**—A very handy tool, with jaws of crucible steel, points polished, galvanized iron, taper conveying tube, natural finish. Height, 36 inches. Price, \$1.75, postpaid, \$1.95.

**POTATO PLANTER NO. 304**—A light tubular Planter. Its spring closed jaws are specially designed to enter the soil easily, yet open wide enough to drop the largest seed. The dropping lever is adjustable for any depth of planting. See cut. Price, \$2.00, postpaid, \$2.15.

**THE PEERLESS BARREL PUMP**

For Spraying Small and Medium Sized Orchards, etc.

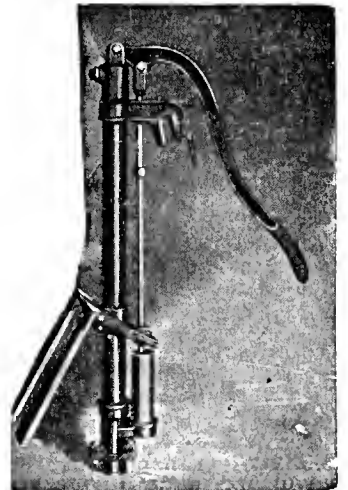
**PEERLESS BARREL PUMP**

The "Peerless" has become a very popular sprayer. It ranks first among the medium priced thoroughly tested out. Its rigidity during operation by anchor in bottom of barrel is a most desirable feature. It is a boon to the average farmer who is not engaged extensively in fruit growing. The "Peerless" is very compact, durable and efficient.

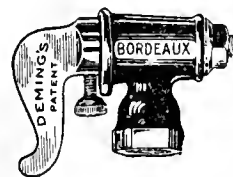
The "Peerless" barrel sprayer has one 12½-foot section of ½-inch hose, couplings, agitator and disk strainer, also Simplex nozzle.

No. 1721—Price complete, \$14.65.

Directions for use furnished with each sprayer. Special pump and sprayer catalog free on request.



Peerless No. 1721

**SPRAY NOZZLES FOR PUMPS**

**BORDEAUX SPRAY NOZZLE**—It is a general purpose spray nozzle. Throws a solid stream, coarse or fine mist, or it may be cut off. Excellent nozzle also for whitewashing, disinfecting, etc. Price, \$1.00, postpaid, \$1.10.



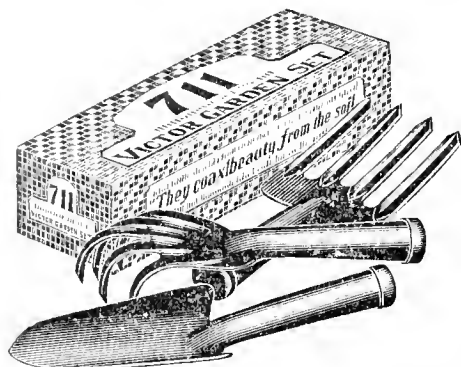
Eureka

**EUREKA SPRAYING NOZZLE**—Throws conical-shaped spray. Disgorges by pushing against fence or tree. Price, 70c, postpaid, 75c.

**LAWN SPRINKLERS**  
SEE PAGE 131

**BAIT-M**—Protects tomatoes, cabbage, cucumbers and other plants from cut worms. Easily applied. See page 128.

TRY A PLANT OF THE NEW BREAK O'DAY TOMATO—See Page 48



### VICTOR GARDEN SET

An all-metal fork, trowel, and weeder.

Their brilliant green color commands attention—their sturdy design commands respect. Made of genuine normalized steel, they are exceptionally strong and efficient. Perfect balance gives them the fine tool "feel." Durable enamel finish prevents rust and makes them easy to clean.

"They coax beauty from the soil." Sold in sets only. Per set, 75c, postpaid, 85c.

### TROWELS

#### Kingsbury Trowel



The Kingsbury one-piece Trowel is a big favorite because it is so easy to use. The blue-lacquered handle is carefully shaped to give a firm grip, yet has no rough edges to cause discomfort. Built of unbreakable, unbendable sheet steel, shaped into a perfectly balanced tool, whose sharpened blade is coated with rust preventive. Shaped to Fit the Hand. Price, 50c, postpaid, 60c.



No. 211—The blade and shank are made of one piece of steel, being forged out in the same way as masons' brick trowels. The blade is finely polished. The rear part and shank are enameled a nice blue. Polished hardwood handle. Heavy steel ferrule. Price—6-inch blade, 85c, postpaid, 95c.



No. 213—Made of cold rolled steel, bright blades, malleable iron shanks firmly riveted. Price—6-inch blade, 30c, postpaid, 40c.



No. 216—Ladies' Flower Trowel. Riveted by new method. Price—6-inch blade, 25c, postpaid, 30c.



No. 217—Transplanting Trowel. The blade and shank of this Trowel are made of one piece of heavy sheet steel. Excellent for lifting and setting out plants and seedlings. Price—6-inch blade, 30c, postpaid, 35c.

### DIBBLE

For Transplanting Vegetable Plants, etc.

DIBBLE—No. 220—Iron Dibble, usual size; handiest tool ever made for transplanting cabbage, etc. Each, 90c, postpaid, \$1.10.



### PEERLESS GRASS SHEARS

Works with an easy up and down motion. Keeps your hands out of the dirt. Trims closely around trees, fences, etc. The blade tension is automatically adjusted. Blades cannot become disengaged; self-sharpening hardened steel blades; red enameled handles. Price, \$1.25, postpaid, \$1.35.



### WEEDERS

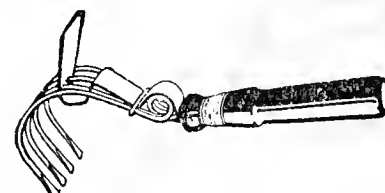


LANG'S HAND WEEDER—One of the handiest tools yet devised for weeding and thinning out.

Each, 25c, postpaid, 30c.



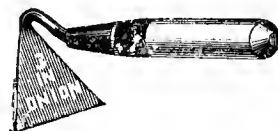
EXCELSIOR WEEDER — A very useful tool for weeding seed beds. For stirring the ground, etc., no one should be without one. Each, 25c, postpaid, 30c.



MAGIC WEEDER — A very handy tool for use among flowers and small vegetables. Destroys the weeds and leaves the earth about the roots themselves. Price, 55c, postpaid, 62c.

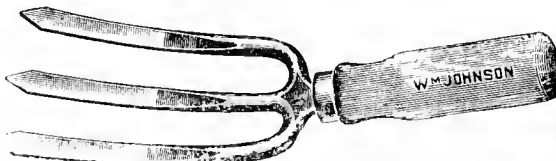


MAGIC WEEDER NO. BB—A tool light enough and long enough; 36-inch handle for use with one hand without stooping; very handy for weeding flowers and small vegetables. Price, each, 45c, postpaid, 55c.



SUPERIOR WEEDING HOE—3-in. cut, 11-in. handle. Very useful article for the garden. Each, 80c, postpaid, 85c.

### WEEDING FORKS



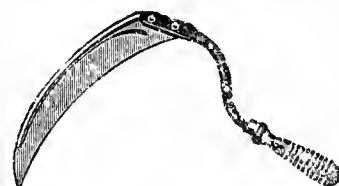
GARDEN WEEDING FORK NO. 300 — 3-tine, very strong, useful tool. Each, 55c, postpaid, 60c.

GARDEN WEEDING FORK NO. 400—4-tine, short handled, very strong, useful tool. Each, 35c, postpaid, 47c.



ASPARAGUS KNIFE—(American)—This Asparagus Knife is made of the best steel, cutting edges are hardened and tempered to stand rough usage. Used also as digger and weeder for long tap-rooted weeds such as dandelions. Each, 50c, postpaid, 60c.

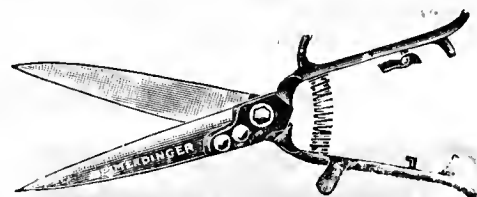
### LITTLE GIANT GRASS HOOK



Is a miniature scythe and cuts like a scythe. Very handy for cutting grass, etc. A very useful article; 12-inch blades. Price, 80c, postpaid, 90c.

### GRASS SNIPPER

A very practical shear for cutting grass, light vines, etc. Six-inch blades; length over all, 12 inches. Each, \$1.00, postpaid, \$1.10.

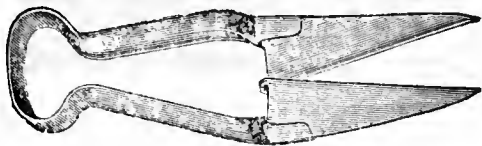


Grass Snipper



GRASS SHEARS

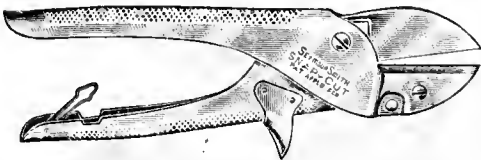
**HARTFORD GRASS SHEARS**—Tool steel, the best that money can buy. Pair, 75c, postpaid, 85c.



PRUNING SHEARS

SNAP CUT PRUNER

Is new and different. It easily cuts 3/4-inch green wood with perfect clean cut; absolutely non-pinching handles and beautiful rust-proof finish. The finger guard holds the hand in natural position,

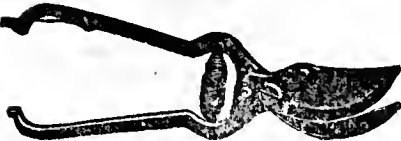


can be carried in the pocket without danger to clothing or person. Price, \$2.00, postpaid, \$2.20.

**HARTFORD PRUNING SHEAR**—Polished steel blades. Double brass flat springs. The best for vineyard and other pruning. Very strong; 9-inch. Price, \$2.65, postpaid, \$2.75.



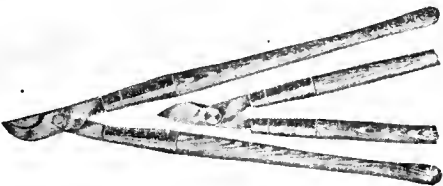
**SUPERIOR PRUNING SHEAR**—Malleable iron handle, polished steel blade with blued steel volute spring; 9-inch. Price, \$1.50, postpaid, \$1.70.



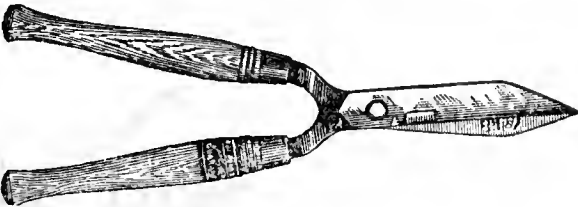
Extra Springs for Superior Pruning Shears—Price 25c, Postpaid

PEERLESS HAND PRUNER

A good and powerful Pruner. Blades are forged from best quality tool steel and finely tempered, correctly shaped for clean and rapid cutting. Seamless steel ferrules, heavy ash handles. Length, 30 inches. Price, \$3.50, postpaid, \$3.75.



HEDGE SHEARS



**HEDGE SHEARS—ZENITH**—Useful in trimming shrubs, small bushes and trees; also preferred by many for edging lawns and beds. Blades are polished solid cast steel.

No. 485L—6-inch blade, per pair, \$2.00, postpaid, \$2.15.

No. 485M—8-inch blade, per pair, \$2.75, postpaid, \$2.95.

PRUNING KNIVES

Good grip wooden handles with three-inch blade.

No. 5C—Each, postpaid .....\$2.00  
No. 2C—Each, postpaid ..... 2.25



WATER'S TREE PRUNERS

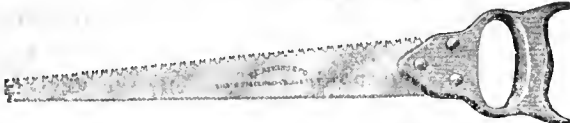
The best Pruner on the market. Cuts limbs up to 3/4-inch in diameter. The spring on the handle resets the cutting blade.

PRICES

6-ft. ....\$2.25  
8-ft. .... 2.50  
10-ft. .... 2.75  
12-ft. .... 3.00  
Tree Pruner Springs, each.....30c  
Tree Pruner Blades, each.....50c

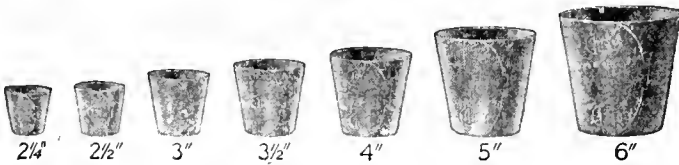
Tree pruners can not be sent by parcel post.

DOUBLE-EDGE PRUNING SAW



**DOUBLE-EDGE PRUNING SAW**—Has fine teeth on one edge and "Lightning" teeth on the other. Each, \$2.10, postpaid, \$2.20.

Paper Flower Pots



BIRD'S NEPONSET WATER-PROOF PAPER POTS

The unequalled Paper Pot for transplanting young plants of all kinds; light, strong, water-proof and inexpensive. Try them if you raise your own tomato and other vegetable plants. These Pots are used to start young plants and seed and the Pot is later inserted in the soil with the plant.

		Postpaid		Postpaid		F. O. B. Helena
		per doz.	per doz.	per 100	per 100	
2 1/4 inch	.....	10c	14c	\$ .65	\$ .75	\$ 5.50
2 1/2 inch	.....	15c	18c	.80	.90	6.25
3 inch	.....	20c	27c	1.25	1.38	8.25
3 1/2 inch	.....	22c	30c	1.40	1.57	10.50
4 inch	.....	25c	35c	1.60	1.80	13.25
5 inch	.....	35c	47c	2.50	2.73	21.00
6 inch	.....	45c	57c	3.25	3.55	28.00

STANDARD FLOWER POTS (Clay)

		F. O. B. Helena	
		Each	Doz.
Inside Measurement	Approximate weight		
2 inch	.....per dozen 3 lbs.....	\$ .03	\$ .30
2 1/2 inch	....." " 4 lbs.....	.04	.40
3 inch	....." " 5 lbs.....	.05	.50
4 inch	....." " 12 lbs.....	.06	.60
5 inch	....." " 18 lbs.....	.09	.90
6 inch	....." " 25 lbs.....	.15	1.50
7 inch	.....each 3 1/2 lbs.....	.20	
8 inch	....." 4 1/2 lbs.....	.30	
9 inch	....." 5 1/2 lbs.....	.50	
10 inch	....." 10 1/4 lbs.....	.70	
12 inch	....." 14 1/4 lbs.....	1.20	

NOTICE—Add 25c for packing charges on Pots. By Express or Freight ONLY at Purchaser's Expense

FLOWER POT SAUCERS (Clay)

		F. O. B. Helena	
		Each	Doz.
Inside Measurement	Approximate weight each		
4 inch	.....8 oz.....	\$ .05	\$ .50
5 inch	.....10 oz.....	.06	.65
6 inch	.....13 oz.....	.09	.85
7 inch	.....1 1/4 lbs.....	.10	1.00
8 inch	.....1 1/2 lbs.....	.12	1.30

NOTICE—Add 25c for packing charges on Saucers. By Express or Freight ONLY at Purchaser's Expense

POT LABELS

For Pot and Garden Plants—Painted

Size	Postpaid		Postpaid		Postpaid	
	per 100	per 100	per 500	per 500	per 1000	per 1000
4 inch	.....\$ .35	\$ .42	\$1.35	\$1.45	\$2.50	\$ 2.65
5 inch	......45	.52	1.60	1.70	3.00	3.17
6 inch	......50	.57	2.10	2.20	4.00	4.17
8 inch	.....1.20	1.30	5.20	5.35	10.00	10.20
10 inch	.....1.70	1.80	7.75	7.85	15.00	15.23
12 inch	.....2.00	2.10	9.25	9.35	18.00	18.25

TREE LABELS

3 1/2-inch wood, wired for trees, shrubs, etc.; per 100, 45c, postpaid, 52c; 500, \$1.90, postpaid, \$2.00; 1000, \$3.00, postpaid, \$3.62.

PLANT STAKES

Light, Round, Painted Green

Size	Postpaid		Postpaid	
	per doz.	per doz.	per 100	per 100
12 inch	.....10c	18c	50c	65c
18 inch	.....15c	35c	75c	95c

RAFFIA

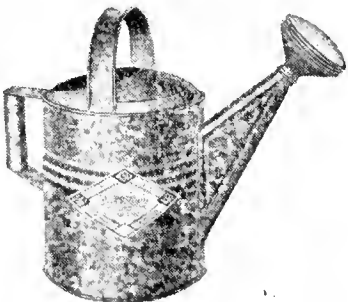
**RAFFIA**—For tying plants; also used for basket making. Natural color only. Per lb., 45c, postpaid, 55c.

WATERING POTS

Round, regular style, made of heavy galvanized iron, wide spouts, with removable rose, also equipped with radiator filling spout. Made well and substantial.

8 quart	.....\$1.00
10 quart	..... 1.25
12 quart	..... 1.50
16 quart	..... 1.75

By Express Only

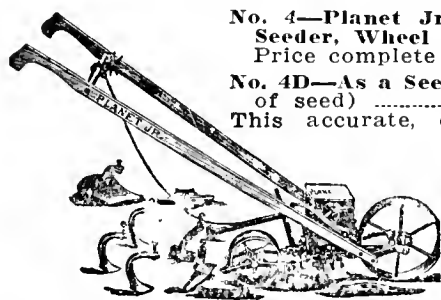




# Planet Jr. Garden Tools



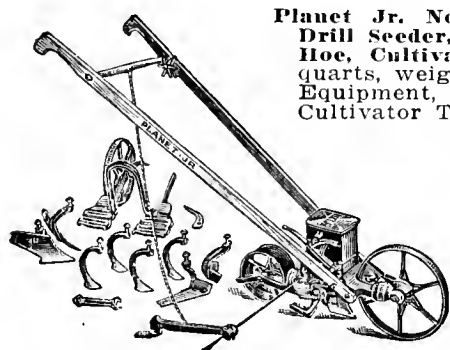
The name "Planet Jr." has become synonymous with labor saving among gardeners and farmers everywhere and they instinctively want the implement that bears this trade mark. The times demand maximum production; and gardeners and farmers are on the alert for aid to get the biggest return from the soil for the least expenditure of time and effort.



No. 4—Planet Jr., Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow—Price complete (weight 50 lbs.).....\$18.00

No. 4D—As a Seeder Only—(Holds 2½ quarts of seed).....\$14.25

This accurate, durable and easy running tool sows all garden seeds from the smallest up to peas and beans in hills 4, 6, 8, 12 or 24 inches apart, or in drills at the proper thickness and depth, covers them, and marks out the next row at one passage. No time is lost. No seed is wasted.



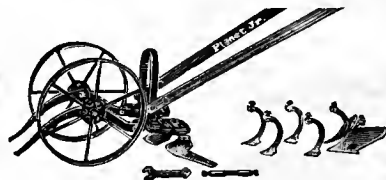
Planet Jr. No. 25—Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow—Holds 2½ quarts, weight complete 61 lbs.....\$21.50  
Equipment, one pair 6-inch Hoes, 4 Cultivator Teeth, one pair Plows, two Leaf Guards, one Marker. This is a tool for market gardeners or large family gardens, where both single and double wheel hoes can be used to advantage. The hopper will hold four pounds of onion seed.



Planet Jr. No. 119—Garden Plow and Cultivator—Has a strong steel wheel twenty-four inches in diameter, making an easy running tool for any garden work. Equipment: One 1¾-inch and one 4-inch cultivating tooth, one plow and one reversible scuffle blade. A very popular machine. Weight, 18 lbs. Price, \$4.75.

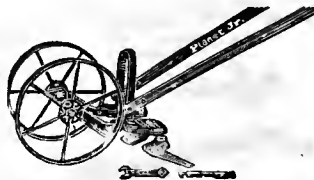
No. 12—Combined Double and Single Wheel Hoe, Cultivator and Plow—Weight, 33 lbs. Price.....\$10.75

This tool has one pair plows, one pair hoes, four cultivator teeth and a pair of leaf lifters. The attachments sold with No. 12 are what gardeners use most.



No. 13—Planet Jr. Double Wheel Hoe, Price.....\$8.00

The greatest hand cultivating tool in the world for every grower of garden and market garden crops. They do more and do it better and easier than can possibly be done in any other way where rows are too close for horse work. Has 1 pair 6-inch hoes only. Useful throughout the season. Other attachments can be added. 30 lbs.



No. 16—Planet Jr. Single Wheel Hoe—Weight 28 lbs. Price.....\$9.00

These Single Wheel Hoes are the highest type of their class. They have a great number of attachments which adapt them to a large variety of work, and there is scarcely any garden cultivation they will not do.



No. 17—Planet Jr. Single Wheel Hoe—Price.....\$7.75

You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth; an outfit sufficient for most garden work. 26 lbs.



No. 18—Single Wheel Hoe, Price.....\$5.75

Same as No. 17 except has one pair of 6-inch hoes only. Other attachments can be added as needed. 21 lbs.

NOTICE—If "Planet Jr. Cultivators" are wanted by Parcel Post add postage—Postage Rates—See page 139.

## CULTIVATING ATTACHMENTS FOR PLANET JR. TOOLS

### Handles

Per Pair, \$1.10, postpaid, \$1.20



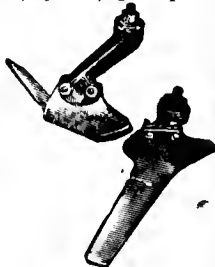
Plow for Single Wheel Hoe

\$1.50, postpaid, \$1.65



Plows for Double Wheel Hoe

Per Set \$1.85, postpaid, \$2.00



L. Hand R. Hand  
S100—Hoes—S101

Supersedes All Others.

6-inch—per pair  
\$1.50, postpaid, \$1.60



5-Prong Cultivating Attachment

\$1.10, postpaid, \$1.25



Rakes

Excellent for Fine Cultivation.

5-tooth, per pair, \$1.75, postpaid, \$1.85  
7-tooth, per pair, \$2.50, postpaid, \$2.75



Double Mouldboard Plow

Fits Single Wheel Hoe  
\$2.25, postpaid, \$2.35



Cultivator Teeth All Steel.

Each, 40c, postpaid, 45c



Three-Prong Cultivator Teeth

Per Pair  
\$1.95, postpaid, \$2.15



Disc Hoes

Per Pair  
\$3.75, postpaid, \$4.00

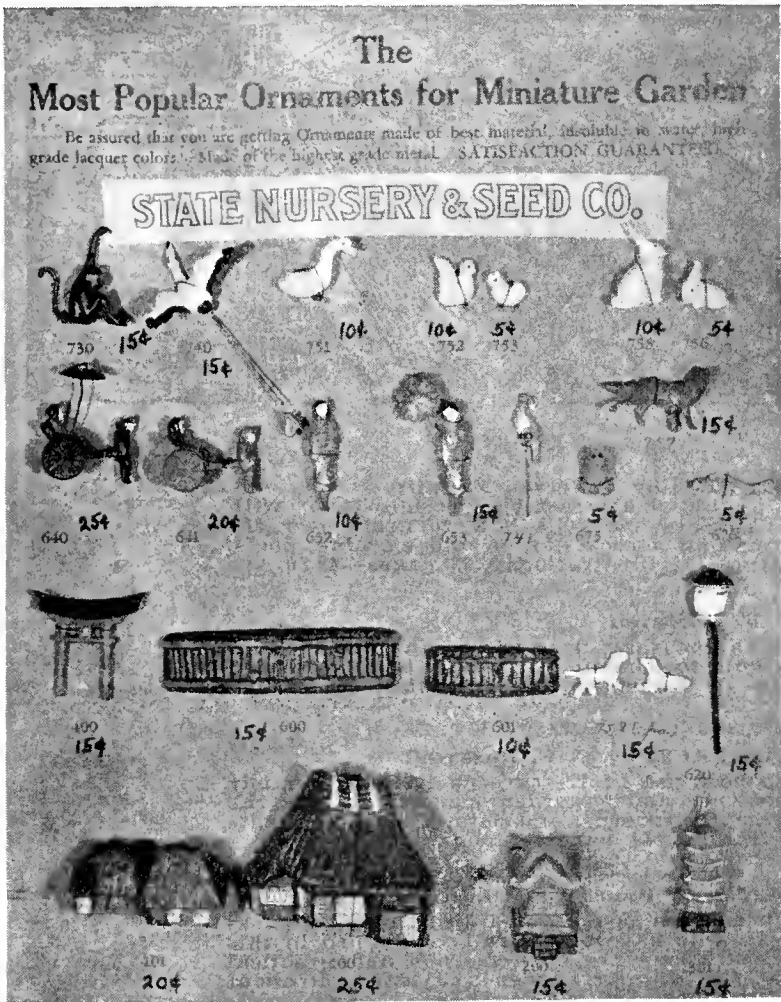
NOTICE—IMPORTANT—When ordering extras, state number on the broken part, also number of machine. The New "PLANET JR." Catalog—Full of little points that bring profit. Full of true and handsome illustrations. Mailed Free on request.

Miniature Glass and Japanese Gardens and Gold Fish---Supplies

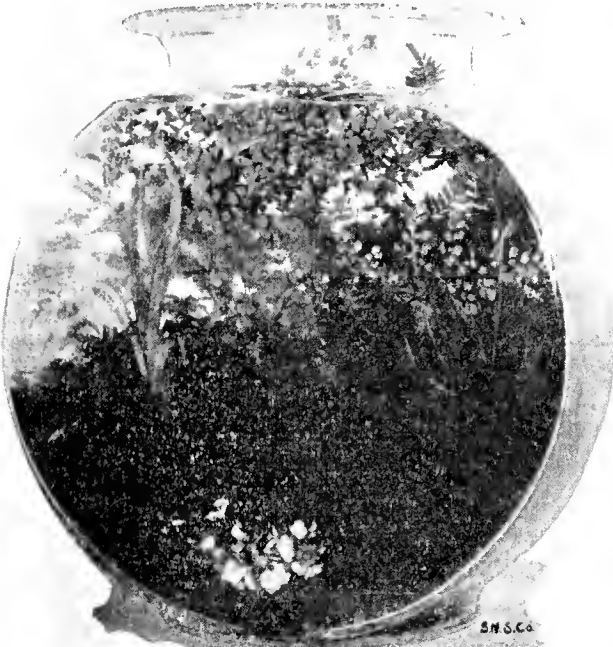
The  
Most Popular Ornaments for Miniature Garden

Be assured that you are getting Ornaments made of best material, indestructible to water, bright  
grade lacquer colors. Made of the highest grade metal. SATISFACTION GUARANTEED.

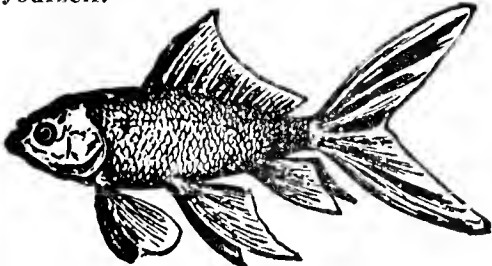
STATE NURSERY & SEED CO.



The Above Ornaments Are All Postpaid  
Please State the Numbers of the Ones You Desire



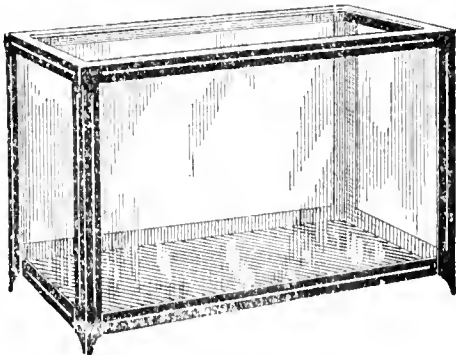
One of our Glass Gardens filled with tropical  
ferns and plants. The bowl has a glass lid and  
is kept sealed most of the day. Drainage is  
provided with a layer of charcoal, leaf mold  
and sand placed at the bottom of the soil the  
plants are growing in. These gardens may be  
purchased complete for \$5.00 F. O. B. Helena  
or you may get the items singly and build it  
yourself.



Common Goldfish



Squat Shaped Fish Globe



Treasure State Aquarium

The miniature garden vogue has taken the country by  
storm. Below is a list of plants suitable for use in these  
gardens and the prices of the ornaments are shown in the  
picture at the left. All plants and ornaments are postpaid.

- PLANTS FOR JAPANESE GARDENS
- Sanseveria Zelanica (Zebra Plant), small, each.....

Cyperus Alternafolius (Umbrella Palm), small, each.....

Anthurium Andreanum, special small plants, each.....

Dwarf Rubber Plants, very fine, each.....
- 65c
- 35c
- 75c
- 50c

- PLANTS FOR GLASS GARDENS
- JUNGLE GARDENS—(Mostly Green)
- Holly Ferns, fine bushy young plants, each.....

Maiden Hair Ferns, each .....

Ficus Repens Rubber Plants, each.....

Assorted Suitable Small Ferns—See Page 12.

Umbrella Palm, each .....
- 30c
- 25c
- 50c
- 
- 25c

- FOR BRIGHT COLORED GARDENS
- Wandering Jew (three varieties), each.....

Vittonia (Red Mosaic Leaf Plant), each.....

Perestrophe (St. Augustine Grass), each.....

Pandanus Variegati, each .....

Baby Tears or Irish Moss, each.....
- 25c
- 35c
- 30c
- 50c
- 25c

All Prices on Above Plants Are Postpaid

- GOLDFISH AND AQUARIUMS
- Shipments are made throughout the year with the excep-  
tion of the hot summer months.
- ALL FISH, AQUARIUMS AND SUPPLIES ARE SHIPPED  
BY EXPRESS, CHARGES COLLECT
- Goldfish should never be changed suddenly from water of  
one temperature to that of another. Feed lightly about  
twice a week. We recommend our Natural Fish Food.

- PRICES OF DIFFERENT SPECIES OF FISH
- Common Goldfish, 2 to 4 inches long, each 25c and 50c.

Japanese Fantails, 75c to \$2.00 (ask for special prices on  
1, 2 and 3-year-old fish of this species).

Chinese Moors (black with telescope eyes), \$1.00, \$1.50 and  
\$2.00 each.

Chinese Telescope (gold and silver), \$1.00, \$1.50 and \$2.00.

Shubunkins (fancy scaleless fish of variegated colors or-  
iginating in Japan, \$1.00 and \$1.50 each.
- 
- 
- 
- 
- Write for prices and description of other fancy and im-  
proved Japanese fish such as Ruikin, Oranda Limeheads,  
Calico, and Telescope Fantails (Demekin), etc.

- SHIPPING CONTAINER AT COST—30c EXTRA
- Castle Ornaments—Assorted sizes from 15c to 75c each.

Aquarium Balls—Another aquarium ornament brilliantly  
colored with small opening in which sprays of moss may  
be inserted. Small, 15c; large, 25c.

- Mermaids and Bathing Girls—Unique aquarium ornaments, 25c, 50c, 75c, \$1.50.

Fisher Boys—An interesting decoration for square aquariums; cannot be used  
on bowls. Small, 50c; large, \$1.00.

Aquarium Cement—\$1.00 per pound.

Dipnet—For removing and transferring fish from aquariums; 50c each.

Sea Shells—Brilliant and fast colors; 20c per box.

Pearl Chips—Natural colors; 20c a box.

White Silica Sand—15c per box, postpaid, 25c.

Rubber Siphons—For emptying aquariums, complete with attachments, \$1.50.

Artificial Water Hyacinths—15c.

- SCAVENGERS
- Scavengers are important in taking care of the wastage of the aquarium.
- Tad Poles—(Giant Gray), 15c each.

Snails—15c each.

Water Lizards—35c each.

Geographical Turtles—35c each.

- FISH AND TURTLE FOOD
- Natural Fish Food—1-oz. box, 15c each; 4-oz. box, 35c.

Spratt's Zeke—(For turtles), 15c a package.

Dobelmann's Fish Parasiticial Remedy (antidiscrassicum), per bottle.....
- 15c

- FISH MOSS
- Fish Moss—Generates oxygen in the water, acts as a food for the fish and  
adds a natural beauty to the bowl or tank. Per bunch, 25c, postpaid, 30c.

- PRICES OF AQUARIUMS AND BOWLS
- Treasure State Aquarium—Capacity 1½ gallons; 10¼ by 5 by 7 in., each, \$3.00.

Drum Aquarium, 1 qt. size.....

Drum Aquarium, 2 qt. size.....

Drum Aquarium, 1 gal. size.....

Drum Aquarium, 2 gal. size.....

Squat Bowl, 1 gal. size.....

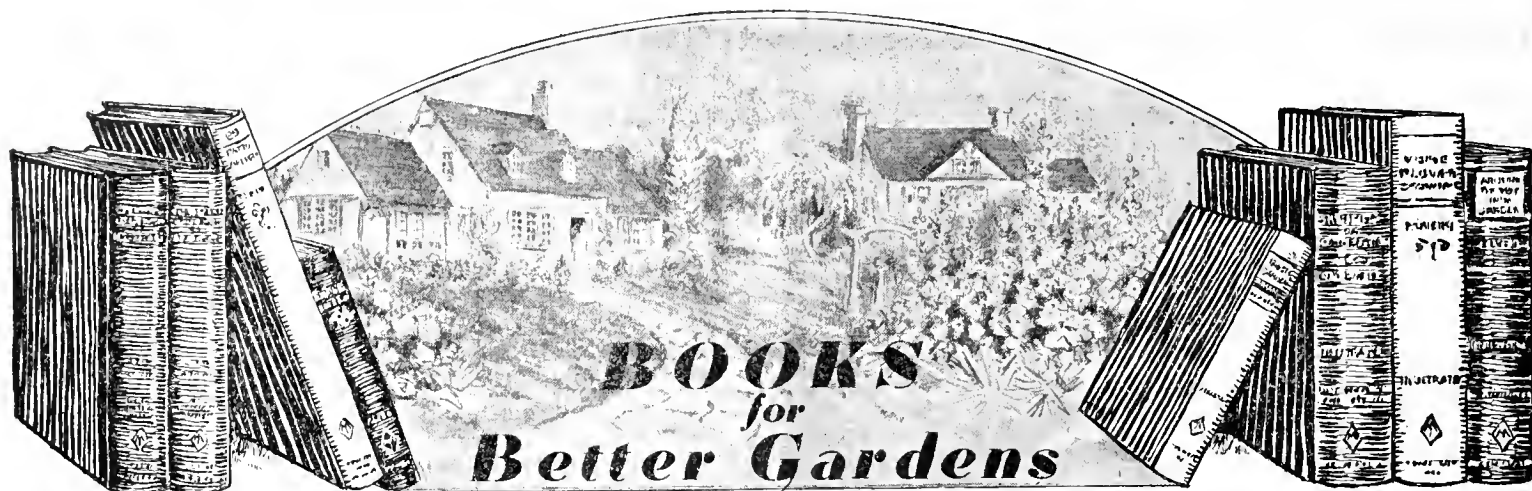
Flat Bowl, 2 gal. size.....

Flat Bowl, 1 gal. size.....

Flat Bowl, in green, 1 gal. size..
- .35
- .50
- 1.00
- \$2.00
- \$1.00
- 2.25
- 1.00
- 1.25

Nickeloid Aquariums		Gals	Price
Long	Wide		
14 inches	6½ inches	9 inches	\$6.50
16 inches	8½ inches	10 inches	8.50
18 inches	10½ inches	11 inches	10.00
Shipping Crate 50c Extra			





#### AMERICAN ALPINES IN THE GARDEN, by Anderson McCully

Hundreds of fine plants from our Pacific Northwest are fast coming into favor with garden makers everywhere. This new book describes and tells how to grow over 500 different kinds and gives full information on making a rock garden and moraine, pools, growing from seed, purchasing, and transplanting. 19 illustrations, 262 pages—\$2.50.

#### DAHLIAS, by F. F. Rockwell

Learn to know the different types of Dahlias and their uses in your garden, how to plant and grow them, what fertilizers to use, how to control pests, how to harvest and store the tubers, grow for exhibition, and how to propagate and hybridize. Brief and practical. 65 illustrations, 80 pages—\$1.00.

#### EVERGREENS FOR THE SMALL PLACE, by F. F. Rockwell

All the information you need to make the best use of Evergreens is in this handy book, written by one who is himself a home owner and a garden maker. It tells the uses, characteristics, and types of small or dwarf Evergreens, and details of their planting, transplanting, and general care. 67 illustrations, 84 pages—\$1.00.

#### GARDEN POOLS: LARGE AND SMALL, by Ramsey and Lawrence

Nothing else can add so much to your garden as a pool, even if it is only a transformed wash tub in the tiniest garden space. How to have one is fully explained in this new book. Its text is so complete and its illustrations are so numerous and practical that you can easily find the type of pool that fits in your garden and learn all about designing, planting and caring for it. 41 illustrations, 122 pages—\$2.50.

#### THE GARDENER, by L. H. Bailey

Beginning with A and running through to Z, this book lists and tells how to plant and care for all the common flowers, vegetables, and fruits from the time they are planted through to maturity. Entries are cross-referenced and the book is unusually easy to use. 116 illustrations, 260 pages—\$2.00.

#### GLADIOLUS, by F. F. Rockwell

Recommended as "the best brief guide on Gladiolus growing." It tells how to plant, fertilize, and cultivate; how to grow from seed or bulbets; how to harvest and cure; how to handle for cut flowers; and every other detail needed for success with this popular flower. 45 illustrations, 79 pages—\$1.00.

#### HOME FLOWER GROWING, by E. C. Volz

A real flower garden encyclopedia! It will teach you how to propagate and cultivate your plants, how to care for, fertilize, and maintain them. It tells how and when and where to grow flowers; what different kinds look like; how to plan indoor, outdoor, rock, and water gardens; how to prepare exhibits for a flower show; how to organize a garden club. 151 illustrations, 364 pages—\$3.50.

#### HOW TO GROW ROSES, by Robert Pyle and Others

Every step in the successful growing of Roses is made clear in this "how to do it" book. It gives practical advice on how to use Roses in the garden and around the home, how to buy them, locate the beds, prepare the ground, plant, label, care for in summer, fight pests, protect in winter, prune, and select types and varieties. 138 illustrations (45 in color), 211 pages—\$2.00.

#### LANDSCAPING THE HOME GROUNDS, by L. W. Ramsey

Step by step, with photographs and plans that make each point clear, this new book shows just how to develop your home grounds for greatest beauty. Each of the 175 illustrations tells a story or teaches an important lesson at a glance. 175 illustrations, 170 pages—\$2.00.

#### SHRUBS, by F. F. Rockwell

Here is a brief but complete and usable information on the best ways to improve the beauty and value of your home with Shrubs. Tells what to select for different combinations and effects, and how to plant, water, mulch, prune, and care for Shrubs. 49 illustrations, 76 pages—\$1.00.

#### PERENNIAL GARDENS, by H. S. Ortloff.

Following the simple directions in this book insures a perennial garden crowded with bloom, in which the colors make a perfectly blended picture. First come plans, showing how to locate and lay out the garden; then clear directions for preparing the soil, fertilizing, planting, cultivating, transplanting and propagation. 18 illustrations, 90 pages—\$1.25.

#### ROCK GARDENS, by F. F. Rockwell

Brief, clear descriptions and numerous drawings show just how you can build a rock garden yourself, on a large or small scale and at small cost. The book describes the types of rock gardens, tells what soils, climates, and locations are best, how to construct, and what to plant. 31 illustrations, 86 pages—\$1.00.

SEE PAGE 100 FOR OUR FAMOUS ROCKY MOUNTAIN LAWN GRASS SEED

SEED SOWING CALENDAR

The alert and wide-awake gardener begins sowing early in the Spring and then sows succession crops throughout the Summer months. The following table is arranged to help the gardener in the sowing of seeds or setting out plants from March to September.

March	April	May	June	July	August	September
<b>Sow in Hotbed</b> Early Beets Brussels Sprouts Early Cabbage Forcing Carrot Cauliflower Celery Eggplant Kohl Rabi Lettuce Parsley Pepper Radish Tomato Broccoli	<b>Sow in Hotbed</b> Cucumber Eggplant Melon Pepper Tomato  <b>In Open Ground</b> Asparagus Beets Brussels Sprouts Beans Early Cabbage Carrot Cauliflower Celery Cress Kohl Rabi Lettuce Onion Parsley Parsnip Peas Potatoes Radish Spinach Early Turnip	<b>In Open Ground</b> Artichoke Asparagus Beans, Bush and Running Beets Brussels Sprouts Carrot Cauliflower Celery Sweet Corn Cress Cucumber Kohl Rabi Leek Lettuce Melon Onion Parsley Parsnip Peas Potatoes Radish Salsify Spinach Early Turnip	<b>In Open Ground</b> Beans, Lima and all other sorts Beets Broccoli Brussels Sprouts Late Cabbage Carrot Cauliflower Sweet Corn Cress Cucumber Endive Kale Kohl Rabi Lettuce Melon Nasturtium Early Peas Potatoes Pumpkin Radish Salsify Spinach Squash Herbs Turnip	<b>In Open Ground</b> Beans Beets Carrot Corn Salad Cress Cucumber Endive Kale Kohl Rabi Lettuce Early Peas Pumpkin Radish Spinach Turnip	<b>In Open Ground</b> Corn Salad Endive Lettuce Early Peas Radish Spinach Early Turnip Onions	<b>In Open Ground</b> Lettuce Spinach Turnip Sweet Peas
<b>For Our Famous PEERLESS BEAUTY Rose Collection See Color Page</b>				<b>FERTILIZERS AND PLANT FOODS</b> Are Listed and Described On Page 125 of This Yearbook If You Have Any Questions Write Us	<b>When Buying ALFALFA SEED</b> Be Sure It Is MONTANA GROWN Hardest and Best	

QUANTITY OF SEED TO SOW TO A SINGLE ROW OF 100 FEET

Asparagus ..... 1 oz.	Corn ..... 1/2 lb.	Parsley ..... 1/2 oz.
Beans, Bush ..... 1 lb.	Cress ..... 1/4 oz.	Parsnip ..... 1/2 oz.
Beans, Lima ..... 1 lb.	Cucumber ..... 1/2 oz.	Peas ..... 1 lb.
Beans, Pole ..... 1/2 lb.	Eggplant ..... 1/4 oz.	Pepper ..... 1/2 oz.
Beet ..... 1 oz.	Endive ..... 1 oz.	Pumpkin ..... 1/2 oz.
Broccoli ..... 1/4 oz.	Kohl Rabi ..... 1/2 oz.	Radish ..... 1 oz.
Brussels Sprouts ..... 1/4 oz.	Leek ..... 1/2 oz.	Salsify ..... 1 oz.
Cabbage ..... 1/4 oz.	Lettuce ..... 1/2 oz.	Spinach ..... 1 oz.
Carrot ..... 1/2 oz.	Melon, Musk ..... 1/2 oz.	Squash ..... 1/2 oz.
Cauliflower ..... 1/4 oz.	Melon, Water ..... 1 oz.	Tomato ..... 1/8 oz.
Celery ..... 1/4 oz.	Mustard ..... 1/4 oz.	Turnip ..... 1/2 oz.
Collards ..... 1/4 oz.	Onion (for large bulbs) ..... 1 oz.	

AVERAGE TIME REQUIRED FOR MATURITY OF DIFFERENT GARDEN CROPS  
RECKONED FROM THE DAY OF PLANTING THE SEED

Beans, Bush ..... 45 to 65 days	Corn ..... 70 to 120 days	Radish ..... 25 to 35 days
Beans, Pole ..... 65 to 75 days	Eggplant ..... 135 to 150 days	Squash, Summer ..... 60 to 65 days
Beet, Table ..... 55 to 65 days	Lettuce, Heading ..... 55 to 65 days	Squash, Winter ..... 125 days
Beets, Stock ..... 130 to 150 days	Melon, Water ..... 125 to 140 days	Tomato ..... 135 to 150 days
Cabbage, Early ..... 90 to 105 days	Melon, Musk ..... 120 to 140 days	Turnip ..... 50 to 70 days
Cabbage, Late ..... 125 to 150 days	Onion ..... 130 to 150 days	Spinach ..... 30 to 60 days
Cauliflower ..... 85 to 100 days	Pepper ..... 130 to 140 days	

NUMBER OF PLANTS PRODUCED FROM AN OUNCE OF SEED

Plants	Plants
Asparagus ..... about 300	Kale ..... about 2,000
Broccoli ..... " 2,000	Leek ..... " 1,000
Cabbage ..... " 2,000	Lettuce ..... " 3,000
Cauliflower ..... " 2,000	Pepper ..... " 2,000
Celery ..... " 3,000	Tomato ..... " 3,000
Eggplant ..... " 1,000	Sage ..... " 1,000
Endive ..... " 3,000	Thyme ..... " 5,000

NUMBER OF PLANTS TO THE ACRE

Distance Apart	No. of Plants	Distance Apart	No. of Plants
1 foot by 1 foot.....	43,560	3 feet by 3 feet.....	4,840
1 1/2 feet by 1 1/2 feet.....	19,360	4 feet by 4 feet.....	2,722
2 feet by 1 foot.....	21,780	5 feet by 4 feet.....	2,178
2 feet by 2 feet.....	10,890	5 feet by 5 feet.....	1,742
2 1/2 feet by 2 1/2 feet.....	6,969	6 feet by 6 feet.....	1,210
3 feet by 2 feet.....	7,600	8 feet by 8 feet.....	680

PARCEL POST RATES

Parcel Post Rates	First pound or fraction	Each additional pound or fraction
Within the United States Rate to Canada: 14c per lb. or fraction thereof.		
First Zone within 50 miles of Helena.....	7c	1c
Second Zone within 50 to 150 miles.....	7c	1c
Third Zone within 150 to 300 miles.....	8c	2c
Fourth Zone within 300 to 600 miles.....	8c	4c
Fifth Zone within 600 to 1000 miles.....	9c	6c
Sixth Zone within 1000 to 1400 miles.....	10c	8c
Seventh Zone within 1400 to 1800 miles.....	12c	10c
Eighth Zone all over 1800 miles.....	13c	12c

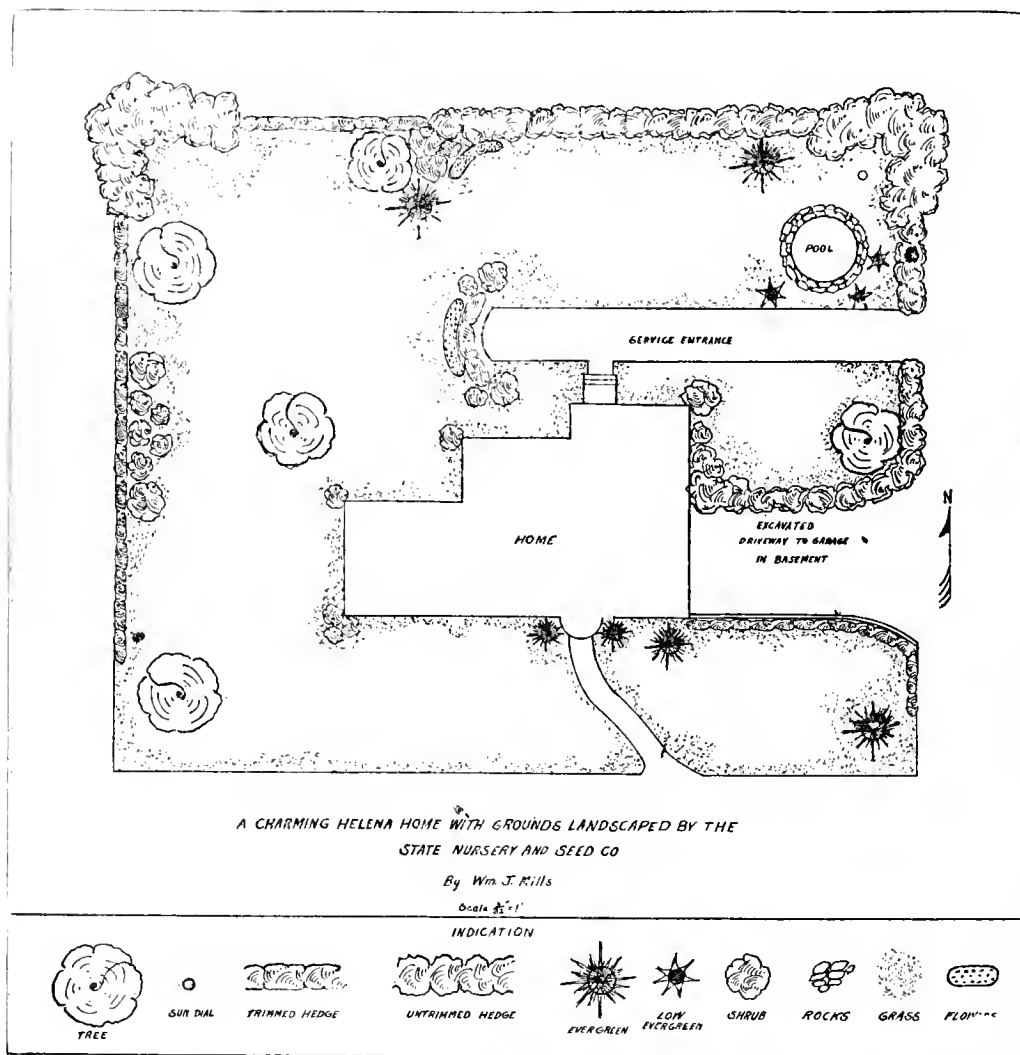
**NOTICE**  
Within Local Zone and Zones 1, 2 and 3, packages up to 70 pounds in weight are carried. The limit of weight for all other Zones is 50 pounds. Articles measuring more than 7 feet in length and girth combined cannot be shipped by parcel post.

Postage rates to Canada or other Foreign Countries are 14c per pound or fraction thereof.

IF YOU DO NOT KNOW WHICH ZONE RATE APPLIES, CONSULT YOUR POSTMASTER

We wish to call special attention to the fact that this year is going to be a Sweet Pea year. Every one is going to plant Sweet Peas. We have one of the best collections of the most up-to-date varieties known. No home is complete without the most favorite flowers of all, Sweet Peas.  
See culture directions in Yearbook—page 66—for growing beautiful Sweet Peas.

# LANDSCAPE DEPARTMENT



The above plan shows an informal arrangement of trees, shrubs and flowers on the property with the back-yard living room idea emphasized. Large open lawn areas are stressed and interesting and natural groupings of trees, shrubs and flowers are to be found. Very little planting is done around the front which is more or less semi-formal, just enough to frame the house and introduce properly the back-yard setting. The breaking of a trimmed hedge into an untrimmed hedge is blended naturally by a well arranged tree and shrubby grouping. Evergreens are also prominent throughout the arrangement.

We are prepared to do landscaping on a large or small scale and our landscape department will be glad to help plant and beautify your property.

All during the year we receive rough sketches of homes and property of our friends and customers and these are turned over to our landscape department and plans are drawn showing proper arrangement of Nursery stock and garden furniture, and returned with a general estimate of cost and amount of stock needed. These plans are also drawn and planned so that the improvement program may be carried out over a period of years depending on how much is to be invested each year.

The months of March, April and May are very busy months with us in all departments and plans sent to us at any time of the year prior to these months will receive prompt attention. During the winter is an excellent time to start planning your garden and with our plan as an aid you will find the work of establishing it much easier. Do not hesitate to write to our landscape department at any time for help in making or designing a garden of any style. Our large Nursery stock which we have built up in our forty-two years of experience in the State is composed of a great many varieties of trees, Evergreens and shrubs which we have found adaptable and hardy under conditions found in Montana and the Northwest.

## OUR TERMS

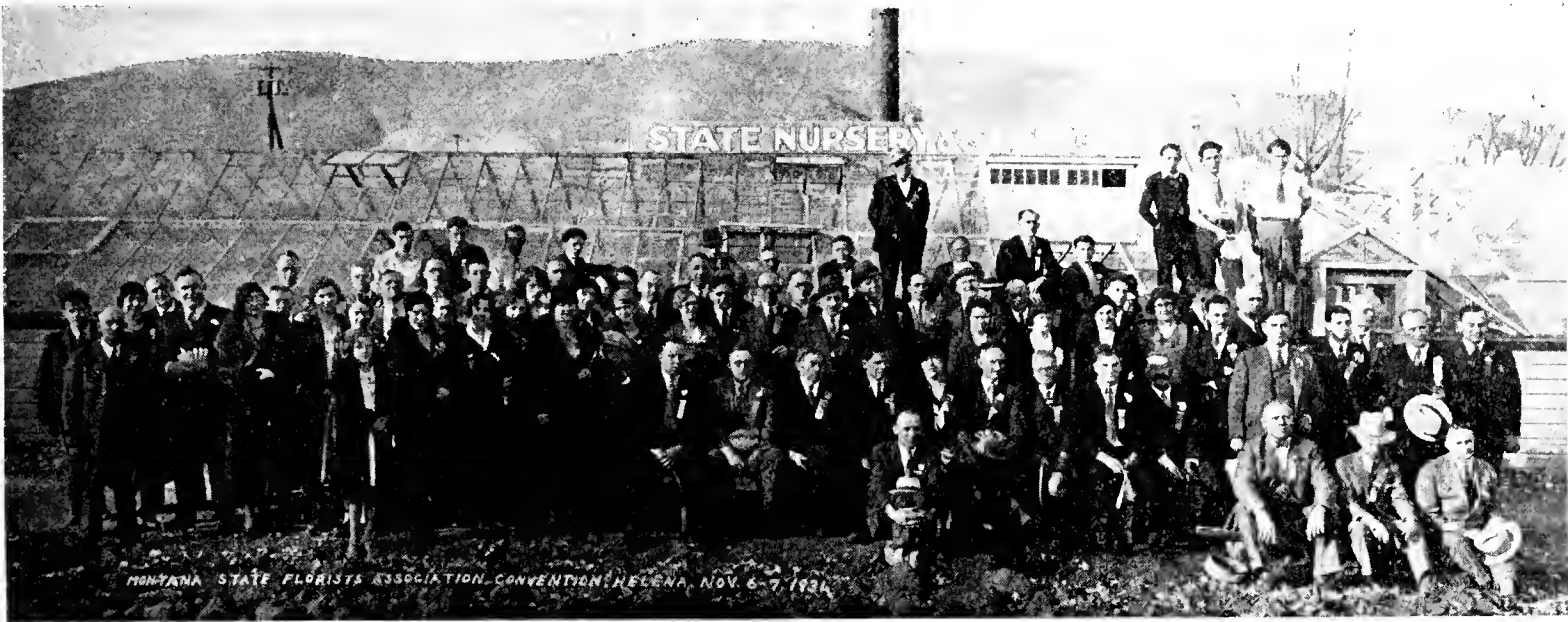
PERSONAL CHECKS, DRAFTS, POSTOFFICE OR EXPRESS MONEY ORDERS CAN BE SENT IN PAYMENT OF ORDERS, OR STAMPS FOR SMALL AMOUNTS. IF THERE IS NO RAILROAD AGENT AT YOUR STATION, FREIGHT OR EXPRESS CHARGES SHOULD BE INCLUDED.



Two views in our Nursery showing two blocks of our Evergreens. Note the great large specimens of Colorado Blue Spruce in the background of the picture at the left. These photos were taken early in January, 1932, on a morning when the trees were covered with an exceptional hoar frost. Their full beauty cannot be described even in pictures.

VISIT OUR NURSERY AND SEE OUR TREES AND SHRUBS GROWING





Some of the many Florists and Nurserymen of Montana and the Northwest who attended the Montana State Florists' Association Convention in Helena last November. The group in this picture had just completed a tour of our two large Greenhouse Plants where we propagate and grow plants of every description.



A Field of Onions in Our Large Seed Testing Grounds

VISITORS  
ARE ALWAYS  
WELCOME

at our  
NURSERY, GREEN-  
HOUSES, TRIAL  
GROUNDS, STORE  
AND SEED HOUSE

Drive Over and Have a  
Long Visit with Us



A Winter Scene in a Helena Park.  
A Fine Specimen of Colorado Green  
Spruce Originally from Our Nursery



1911 First Ave. S. W., Great Falls, Montana.  
October 27th, 1931.  
State Nursery and Seed Co.,  
Helena, Montana.

Dear Sirs:  
I am enclosing the above picture to let you see how well my seeds have done that I bought from you. This is all new ground without having been prepared before planting. The lawn was seeded with your Rocky Mountain Lawn Seed Mixture. I have used seeds from you for several years and they have given wonderful results.

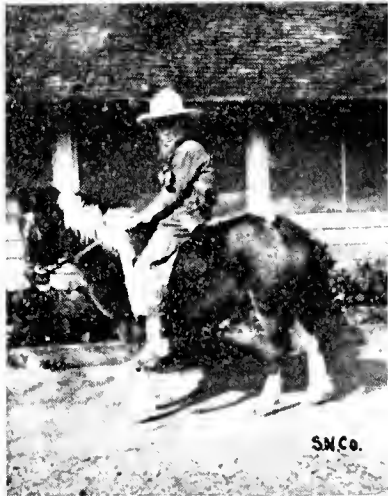
I am yours sincerely,  
JOHN R. COULTER.

THE BEST INVESTMENT FOR 1932  
A HOME VEGETABLE GARDEN  
In Your Back Yard

THE REQUIREMENTS  
A few packets of Peerless Seed  
A little pleasant, healthful work  
Some Water

THE RESULTS  
Your Dividends Will Be Wonderful  
Your Health Better  
Your Vegetables Fresher  
Your Pleasure Unbounded

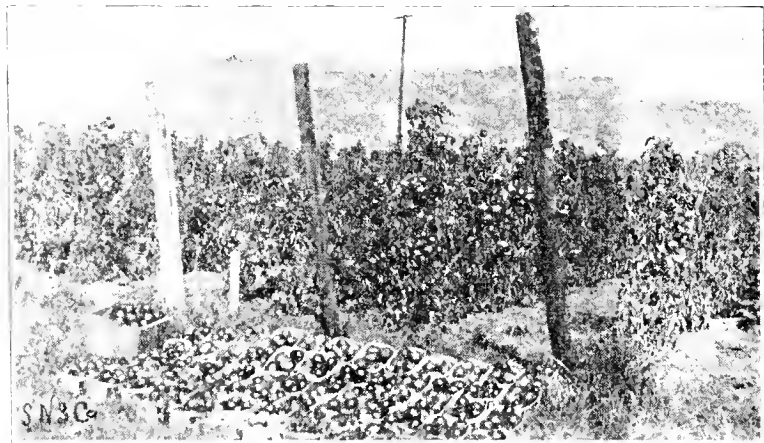
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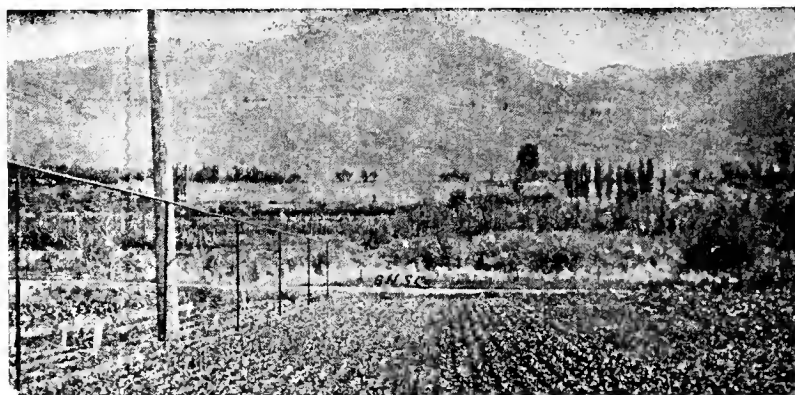
View taken in front of the  
State Nursery and Seed Co.'s  
Dining Hall, demonstrating  
that they can also raise Fine  
Young Cowboys



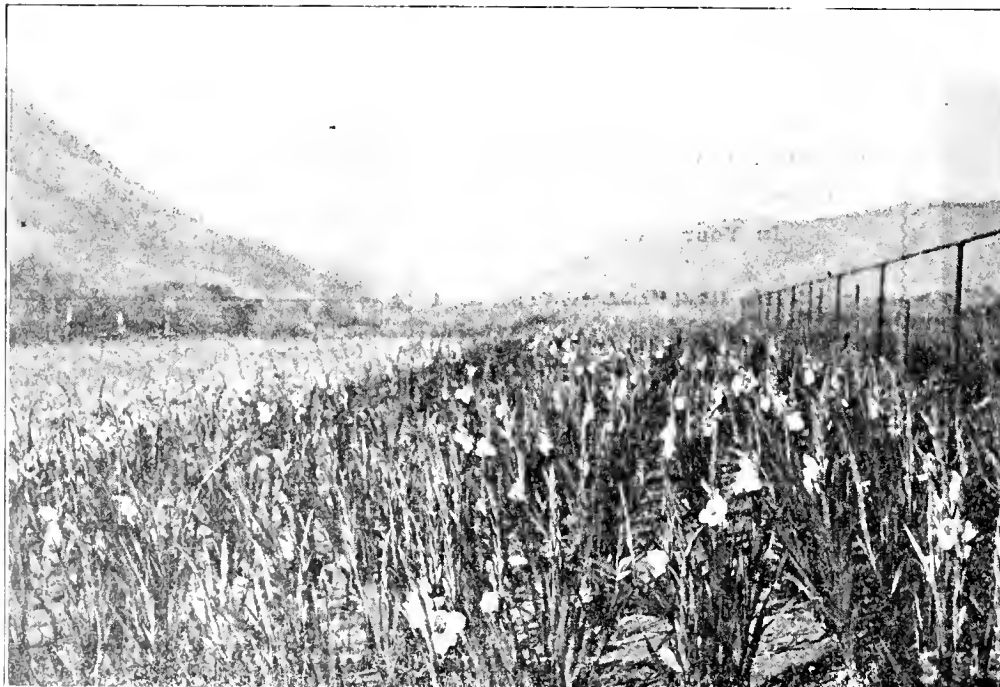
A view of our two large ranges of Greenhouses which consist of a total of 55 Greenhouses. The view also shows part of our large Nursery Grounds and Seed Testing Grounds. Our Nursery is located at the foot of the Rocky Mountains on the eastern slope and our 42 years of experience in Montana have enabled us to select and grow Nursery Stock that is hardy and adaptable to conditions in Montana and the Northwest.



Tomatoes grown from our Seed and Plants on our Seed Testing Trial Grounds. Here they as well as thousands of our other seed varieties undergo rigorous tests to prove their worth that they may be sold as our Peerless Seeds.



Another glimpse into our Seed Testing Grounds



A field of Gladiolus in our Trial Grounds. The variation in the length of time that it takes different varieties of Gladiolus to come into bloom has to be considered very carefully as the frost-free period in Montana and the Northwest as a whole is quite short.



A small view in our Nursery showing a block of our Hardy Adaptable Stock Growing



Another view into our Nursery Grounds



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TO OUR CUSTOMERS

We wish to point out that we are greatly interested in the garden and farm work in which our customers are engaged. It is always a pleasure to hear of their successes and to be of service when the need demands. Although it is impossible to use every picture sent to us, we greatly appreciate receiving them, and in every instance, where the subject has some special merit, we do our best to incorporate it in our new catalog.

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SAVE MONEY ON OUR SEED  
COLLECTIONS  
See Page 74

OUR MONTANA PEONY COLLECTION  
Fine Choice Roots  
1 White, 1 Pink, 1 Red, POSTPAID \$2.00

HAVE YOU CHECKED OVER  
OUR HARDY EVERGREENS?  
See Pages 43 and 44  
ALSO COLOR PAGES

Try a Plant or Some Seeds  
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BREAK O'DAY  
See Pages 48 and 98 for Description

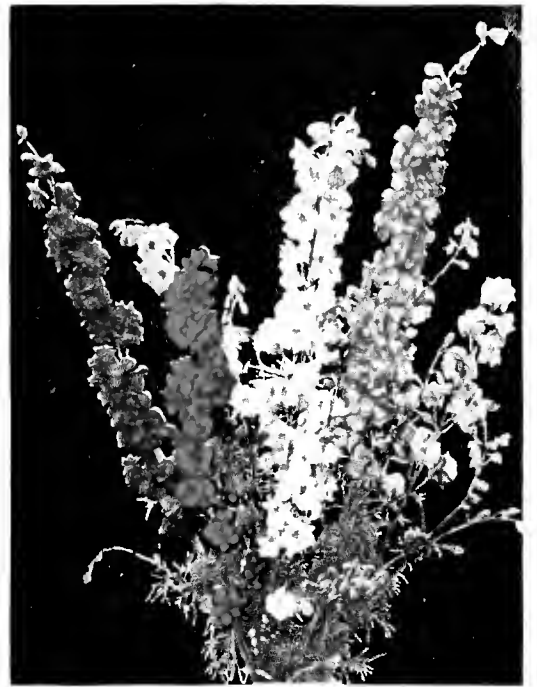
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(Except Evergreens) Are Prepaid to  
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AFRICAN GOLD DAISY



SCHIZANTHUS



ANNUAL LARKSPUR



SALPIGLOSSIS



SINGLE COSMOS



SWEET PEAS



PANSIES



STOCKS



SNAPDRAGONS

FOR DESCRIPTION AND PRICES SEE FLOWER SEED SECTION



- |                                 |           |     |
|---------------------------------|-----------|-----|
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| 2 — Squash, Hubbard             | - - -     | 5c  |
| 3 — Sweet Corn, Early Market    |           | 10c |
| 4 — Radish, Extra Early Saxa    |           | 10c |
| 5 — Cabbage, Earliest of All    | -         | 10c |
| 6 — Carrot, Red Cored Chantenay | - - - - - | 10c |
| 7 — Muskmelon, New Perfecto     |           | 10c |
| 8 — Beans, Early Yellow Wax     |           | 5c  |

## STATE NURSERY CO'S SPECIAL OFFER

One packet each of the above varieties, [VALUE 70 CENTS], will be mailed to any address postpaid **FOR 50 CENTS**